78 LEAD HOLDERS

MECHANICAL LEAD HOLDERS OF FUNCTIONAL DESIGN FOR EVERY PROFESSIONAL & TECHNICAL USE

ALVIN
QUALITY AT THE RIGHT PRICE

"Slim-Line"

No. 5020

No. 5021

Feather of only — Weight 1/3 oz.

No. 5021S

Cross Section View of Mechanical Lead Holder

Enlarged View of non-slipping lock-dutch lead grip.

Quick Lead Adjustment

Convenient Pocket Model

"Pro-Line"

Slightly thicker barrel design

No. 7020

No. 7021

No. 7021/S

No. 5021C

— Packaged ½ doz. to a box.

CUSTOM STYLE DESIGN

Supplied in two models, one with a clip and the other without clip. Just press the button at the top of the holder to instantly project the lead; permitting a quick adjustment to any length; upon release of the button it automatically grips the lead firmly and securely to any desired position. Especially designed collet holds the lead firmly from slipping and will not shear or weaken lead.

Special Construction Features are:

- ★ Will hold any standard size drawing lead, colored plastic washers identify the degree of lead instantly.
- ★ Non-rolling, perfect balance, featherweight barrel, made of hard rubber.
- ★ Outstanding workmanship and quality material give these holders years of lasting service.
- ★ Coil spring ejection for quick lead adjustment.
- ★ Modern design in jet black finish with knurled nickeled furrows.

No. 5020, 6 inches long
No. 5021, 6 inches long With clip
No. 5021S "Convenient Pocket Model" only, 5 inches long With clip

"Pro-Line"

the DRAFTSMEN'S CHOICE

A distinguished line of push button mechanical lead holders — designed with the features requested most by the professionals. **Slightly thicker barrel design** (⅜"). Contoured design for comfortable hold and easy grip — superbly balanced styling incorporates all the outstanding construction features offered in the "Slim-Line." We believe there is no finer mechanical lead holder available at any price — for performance, design and quality.

No. 7020 6" Mechanical Lead Holder
No. 7021 6" Mechanical Lead Holder w/clip
No. 7021/S 5" Convenient Pocket Model " "

Holders supplied with lead in degrees B to 9H.

ALVIN COLOR GUIDE

Colored Rings for Indicated Lead Degrees

B - Brown	2 H - Red	6 H - Pink
HB - White	3 H - Green	7 H - Pale Green
F - Yellow	4 H - Blue	8 H - Lavender
H - Black	5 H - Orange	9 H - Pale Blue

"Colored Cap"
POCKET-SIZED MECHANICAL LEAD HOLDER

These smartly-designed, modern-styled "Colored Cap" Lead Holders are only 5" long and supplied with convenient pocket spring clips. Coil spring ejection permits quick lead adjustment. The quality, durability, and sturdy construction of these "Colored Cap" Lead Holders are the same as in the Alvin No. 5021S series. They are offered in a choice of brightly colored button caps with matched colored plastic rings for instant recognition of the colored lead within the holder. Kindly state choice of color when ordering.

No. 5014D—Counter Display of 12 assorted "Colored Cap" Lead Holders

NO. 5021C

Pocket-size "Colored Cap" Lead Holders with clips
Packed 6 to a box

- White
- Blue
- Red
- Green
- Yellow
- Orange

"Chromo" Colored Refill Leads: —
No. 5024 — 12 Leads per tube (assorted colors)
— 6 Tubes per box (assorted colors)
No. 5025 — 12 Leads per tube (one color)
— 6 Tubes per box (one color)

"TWIN" HOLDER No. 5222

ALVIN-TWIN DOUBLE END LEAD HOLDER

No. 5222

RECOMMENDED FOR:

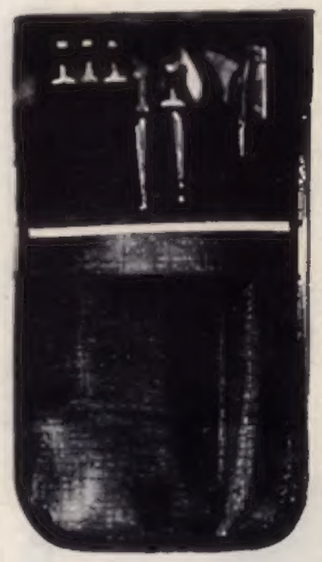
- ✓ DRAWING
- ✓ CHECKING
- ✓ LETTERING
- ✓ SKETCHING

Alvin Double End Refill Holder for artists, draftsmen, designers and architects. Made with knurled tips to give firm grip and prevent slipping. This holder is 6⅞" long and uses shorter lengths of all standard refill black or colored drawing leads. Barrel is hexagon, polished black, stamped in gold. Each end of lead holder is color coded for quick lead degree identification. Packed ½ dozen to a box.

HANDY POCKET LEAD HOLDER SETS

No. PH51
COMPACT POCKET SET

Holds popular choice of five mechanical lead holders and jet eraser neatly organized in attractive black satin vinyl plastic case. Contains three No. 5020 6" lead holders* H, 2H and 4H degree, one No. 5021/C red cap colored lead holder with clip and one No. 5021/S 5" lead holder HB degree, also red jet refillable pencil eraser. Practical for drafting room, office or home use. Makes an ideal gift.



No. PH31
BASIC POCKET SET

Assembled in slip sheath made of genuine grained leather. Holds popular choice of 3 mechanical lead holders No. 5020 in H, 2H and 4H degree. A compact holder always at your finger tips. A serviceable and practical gift for professional or student.

OTHER CHOICE OF LEAD HOLDER DEGREES AVAILABLE—SPECIFY DEGREE WHEN ORDERING.

ALVIN
QUALITY AT THE RIGHT PRICE

MECHANICAL LEAD HOLDERS & PAKS, SUPER-FINE LINE AUTOMATIC PENCILS

"TECH" DA-DE-LUX MECHANICAL LEAD HOLDER

All Metal Barrel

Recommended for Drawing, Sketching, Printing and Marking

The Tech DA is a precision designed mechanical push button refill pencil for draftsmen and graphic artists. This attractive, functional lead holder is of durable construction throughout. A full 6" long — slim design — well balanced for all printing and drawing applications. A choice mechanical lead holder for the technical and commercial user for years of dependable service.

- **Balanced weight with finely knurled finger grip in a corrosion resistant nickel finish.**
- **Attractive non-rolling, rich maroon colored metal barrel.**
- **Lead degree imprinted on white plastic release button for quick identification.**
- **Instant push button lead adjustment to any length.**
- **4-Way firm gripping chuck jaws holds lead securely — leads will not twist or recede.**
- **Strong coil spring rejects lead instantly.**

"TECH" A1 MECHANICAL LEAD HOLDER

Durable Plastic Barrel

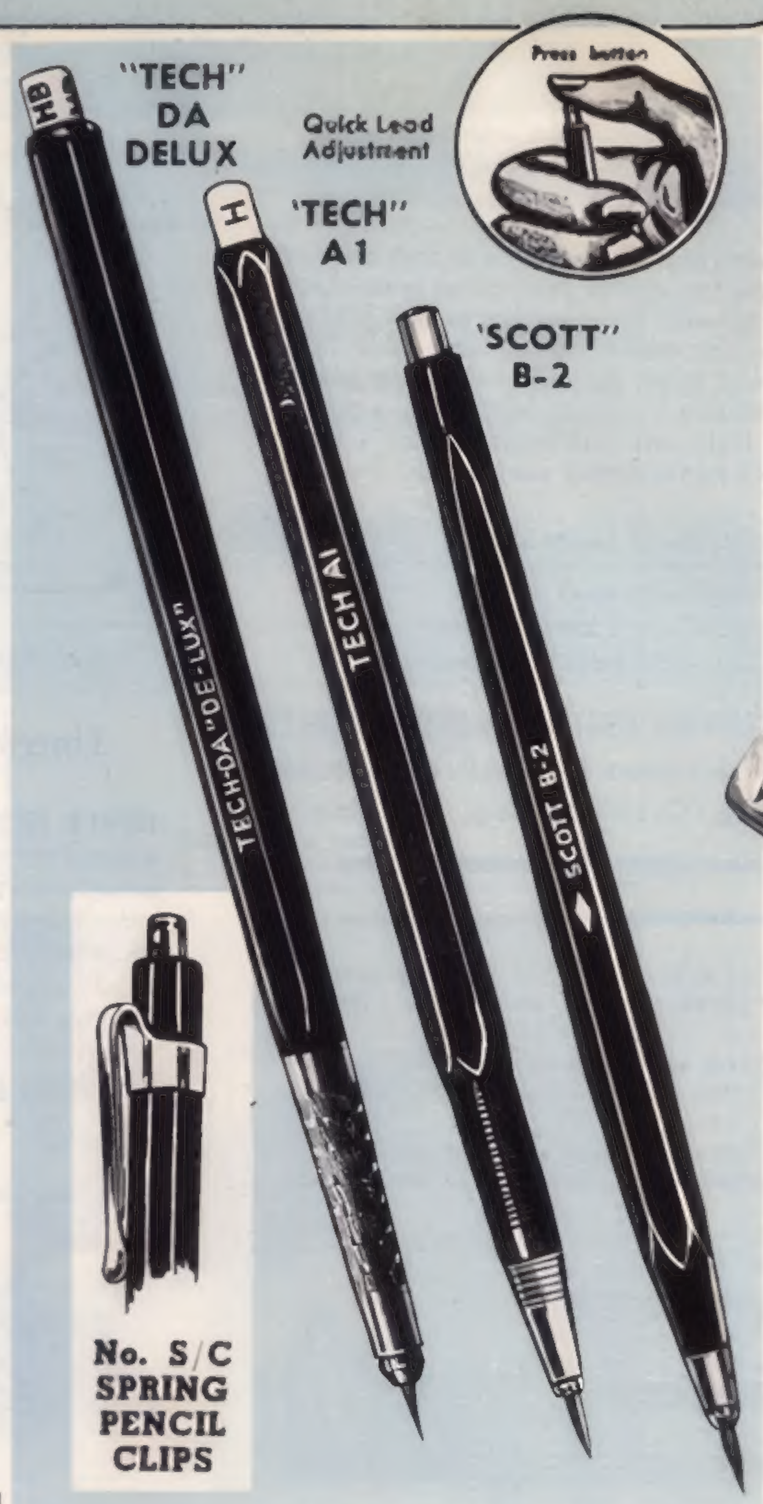
The Tech-A1 Mechanical Push Button Lead Holder incorporates all the outstanding features built into the DA Model. Recommended for commercial and student use.

- **Streamline non-rolling black durable plastic barrel.**
- **Nickel finish knurled metal finger grip.**
- **Light-weight design with comfortable balanced feel.**

"SCOTT" B2 MECHANICAL LEAD HOLDER

This is the "Scott" B-2, truly an economical mechanical lead holder for Vocational or Student use. Designed to incorporate all the outstanding construction features of the better grade lead holders. Styled to function smoothly and efficiently. The "Scott" has a firm clutch lead grip — strong, non-roll plastic barrel. Attractive blue color. Smooth push button release — a full 5½" well-balanced holder, easy and light to hold. Colored top release button identifies lead degree. Supplied with 2mm. standard refill drawing lead.

Packed 6 Lead Holders per box. Lead Holders are available in 8 degrees of hardness: HB, F, H, 2H, 3H, 4H, 5H and 6H.



No. S/C SPRING PENCIL CLIPS

No. A1/K LEAD HOLDER PACK

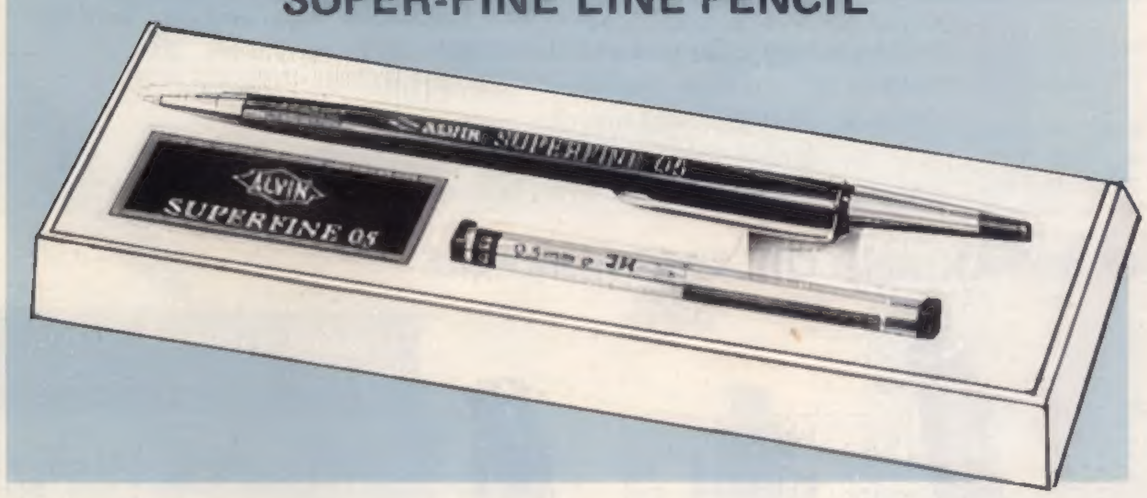
The A1/K Lead Holder Pack is a complete unit containing two 5" top quality Constant Graphite Refill leads, packed securely in slotted wood frame to eliminate breakage and simplify carrying. Each A1/K lead holder pack is equipped with finger tip miniature lead pointer. Separate pocket within pack holds the A1 Mechanical Lead Holder — attractively packaged in durable clear vinyl plastic pak, idealy suited for handy pocket use, brief case or drawer.

No. A1/k Packaged ½ doz. to a box.

No. B2/K LEAD HOLDER PACK

Same as above except contains the "Scott" B/2 Mechanical Lead Holder

NEW "MARK V EXECUTIVE" SUPER-FINE LINE PENCIL

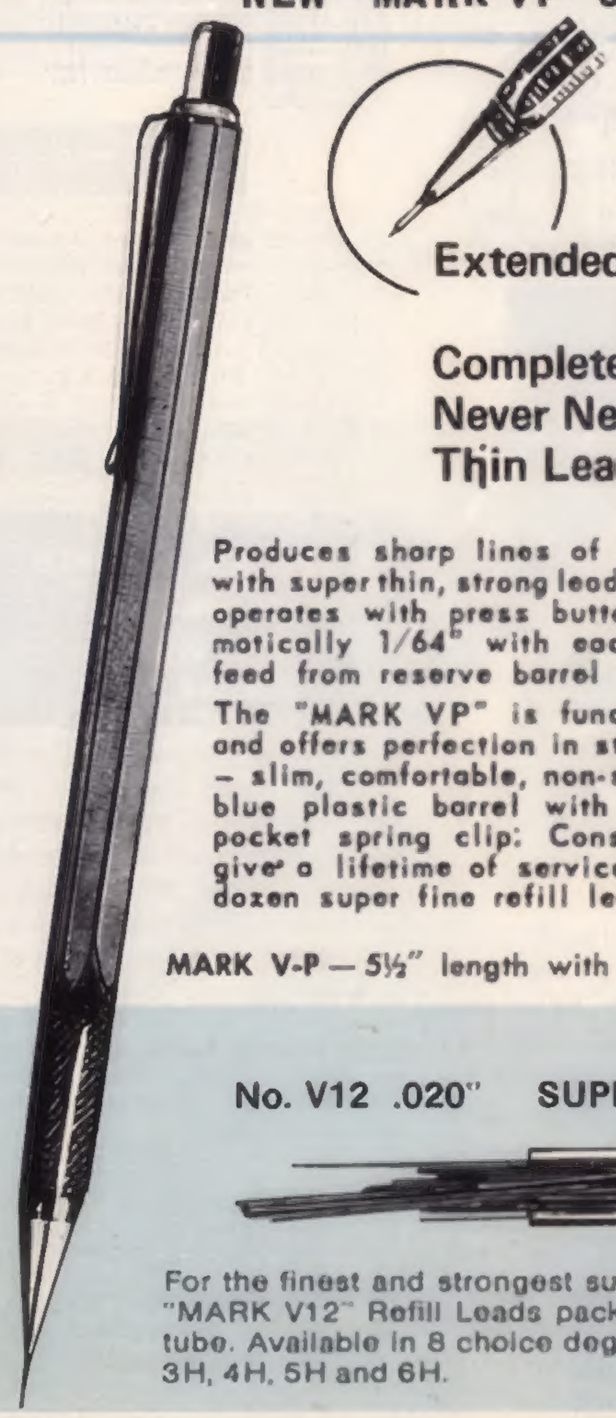


Finest Professional Quality
Unconditionally Guaranteed
Uninterrupted Self-Feeding
Never Needs Sharpening

MARK V EXECUTIVE — A distinguished style 0.5 mm (.020") Super fine-line pencil of precision German Quality. Hard rubber black barrel of contoured non-roll design for comfortable grip and balance. Non-slip knurled finger grip. Lead advances automatically 1/64" by push button release. Color coded ring for lead hardness identification. Smart styling with pocket spring clip. Complete in plastic case with extra one dozen refill leads.

Pencils supplied with lead in degrees HB thru 6H. Please specify degree when ordering

NEW "MARK VP" SUPER-FINE LINE PENCIL



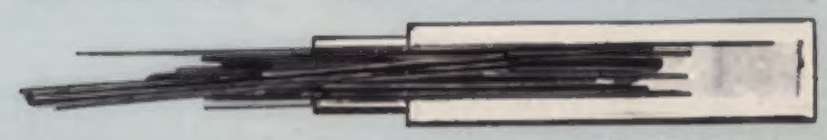
Extended Metal Collar
Prevents Lead Breakage
Completely Automatic
Never Needs Sharpening
Thin Lead (.5mm) .020"

Produces sharp lines of consistent and uniform dimension with super thin, strong lead .020" thick (0.5mm). "MARK VP" operates with press button release that ejects lead automatically 1/64" with each button press and continues to feed from reserve barrel storage for uninterrupted service.

The "MARK VP" is functionally well balanced in design and offers perfection in styling and performance – 5½" long – slim, comfortable, non-slip knurled finger grip. Attractive blue plastic barrel with polished chrome trim and smart pocket spring clip. Construction features are built in to give a lifetime of service. Supplied complete with extra 1 dozen super fine refill leads in a plastic tube.

MARK V-P — 5½" length with spring pocket clip

No. V12 .020" SUPER THIN REFILL LEADS



For the finest and strongest super fine line leads, always order "MARK V12" Refill Leads packed 1 dozen to a plastic storage tube. Available in 8 choice degrees of hardness - HB, F, H, 2H, 3H, 4H, 5H and 6H.

MECHANICAL FLAT PENCILS & SCRIBERS, MARKING PENCILS & CRAYON HOLDERS

ALVIN
QUALITY AT THE RIGHT PRICE

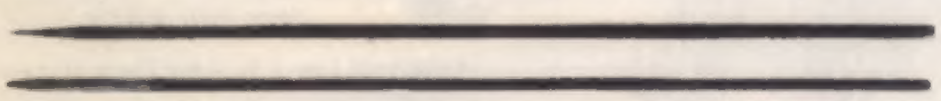
MECHANICAL AND ADJUSTABLE SCRIBER NEEDLE HOLDERS

We can now offer a modern instrument designed to hold adjustable scriber needles in the form of a mechanical holder, permitting the user to carry these specialized tools without damage to clothing or injury to himself. These scriber needle holders are available in three specially tooled alloys for applied use in any field. They are 5¼" long with precision gripping jaws and finger tip control. The top button releases scriber needle to desired length. Retracts back into holder when not in use. Mechanical holders are exceptionally light and well-balanced for a comfortable hand fit. Each holder is supplied with nickel spring pocket clip.

Available in choice of three colors with special needle scribers.	
Pack ½ doz. to a box.	**No. 554 A**–Gray Holder—with steel needle **No. 554 B**–Yellow Holder—with brass needle **No. 554 C**–Blue Holder—with carbonide needle

PRECISION NEEDLE SHARP MARKER AND ETCHING REFILL SCRIBER NEEDLES

The refill scriber needles have adjustable extensions for application in every field of industry, such as Lofting, Engraving, Circuit Etching, Marking, etc.

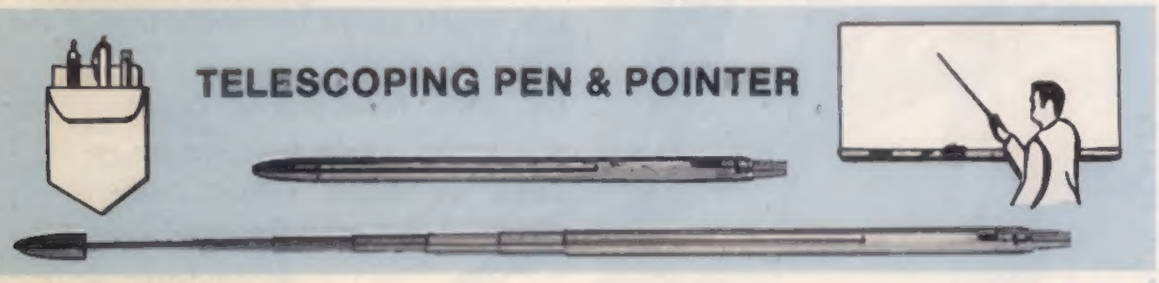


554A/R—Steel Scriber Needles—Made of specially tooled steel for general workshop use in marking on metal, plates, plastics, wood, leather, etc. Needle points can be reground.

554B/R—Brass Scriber Needles—This brass alloy is particularly suitable for working on plates—needles leave a visible mark and will not scratch deeply in material—points may be reground.

554C/R—Carbonide Scriber Needles—Extremely hard steel for working on iron, steel, glass, stone, etc. Will stand unlimited shock. Has a durable and long-lasting needle point.

TELESCOPING PEN & POINTER



No. TPP. A compact telescopic pointer combined with a smooth writing ball point pen. Designed with a convenient pocket clip. Durably constructed with attractive chrome finish. Available in 2 popular sizes. Supplied in a vinyl sheath. A great new idea for teachers, lecturers and executives.

No. TPP-3 24" Telescopic pen pointer
No. TPP-6 36" Telescopic pen pointer
No. TPP/R Pointer pen refills - package of 2

HOLDER & POCKET POINTER SET

No. 5550 COMBINATION LEAD HOLDER & POCKET POINTER SET

For all phases of writing, sketching or drawing.

Contains . . .

1. 5" Pocket-Size Lead Holder, No. 5021S
2. Kleen-Point Lead Pointer, No. 5555
3. Tube of Popular Refill Leads
4. Extra Set of Replacement Blades

This ideal combination contains the basic drawing or writing tools for all professions, technicians and students. Time-saving, convenient and dependable. Makes an unusually fine gift. Comes in an attractive hinge-type box. Ideal for carrying in your pocket.

CONSTRUCTOR FLAT PROPELLING DRAWING PENCIL

Unconditional Guarantee for Mechanical Perfection

NEVER NEEDS SHARPENING! Extended guide edge for straight edges and triangles assures extremely accurate work at high speed . . . represents a new concept in drawing pencils . . . sharp uniform lines can be drawn with even density . . . flat ribbon lead inserts are only .016 thick and .047 wide and can be used to last fraction of an inch. Excellent for block printing, drafting, graphs, charts, plans, accurate pencil work. Made of finest hard rubber for lightness and durability . . . tops are stamped and various colored rings are supplied for instant selection of different grades of lead hardness . . . form-fitting knurled shaft makes for easy handling.

Especially designed for graphs, charts, plans, drafting. Assures clean hands, clean work.

No. 5022, boxed with a tube of 1 doz. leads,

Smoother, longer lasting PARAMOUNT-CONSTANT Flat Ribbon Lead Inserts HB, H, 2H, 3H, 4H, 5H and 6H.
No. 5011 1 doz. leads to a tube

State hardness when ordering.

"COLORMATIC" II Automatic 2-color Ball Point Pen

A dramatic new advance in pen design, this AUTOMATIC two-color pen is a precision-engineered all-metal pen offering the finest mechanism yet devised for true two-color action, slim styling, writing ease and balanced comfort.

Exclusive, Patented Push-action*
Simple as a push of the finger to operate: Simply push down Blue button for Blue or push down Red button for Red ink.

Featuring
- Choice of Gold-color finish or sparkling Chrome.
- Exclusive, patented two-color action.
- Color coding on buttons on barrel.
- Includes one Blue and one Red cartridge.
- Attractive individual gift box.

Ball-point refills for "Colormatic" II
II/B - Blue Refill
II/R - Red Refill

ALL PURPOSE WAX AND OIL BASE MARKERS

MARK-ALL COLORED MARKING PENCILS
Paper Wrapped Colored Pencil

A paper wrapped pencil with MARKER Lead that marks on any surface. With pull string for easy sharpening. In seven practical colors. Round, polish matches color of lead. Packed one dozen in a box, ½ gross in a carton.

China Marking Pencils, for marking on Glass, China, Steel, highly polished Metal, Tile or other highly glazed surfaces.

No. 1574 - Blue
No. 1575 - White
No. 1576 - Red
No. 1577 - Yellow
No. 1578 - Green
No. 1579 - Black

"NEW" ELUXITE ALUMINUM 5" HEAVY DUTY MARKER • HANDY • STRONG • PRACTICAL

MARK I PUSH-BUTTON CRAYON & CHALK HOLDER

Colored barrels to identify colored refills. Knurled finger grip prevents slipping. Positive triple-clamp clutch holds refills. Non-rolling square barrel, corrosive resistant. Utilizes crayon almost completely. Available in red, blue, green, yellow, black, or white.

MARK I

Mark 1-W Wax base for marking glass, metal, plastic.
Mark 1-O Oil base for marking on stone, wood, cement.
Mark 1-C Charcoal refills for sketching on layouts or paper. Extra Soft, Soft, Medium or Hard.
Mark 1-M Graphite refills for writing on wood or paper.

MARK 1 REFILLS

NO. 5001-W: 12 Colored Refill Crayons (Wax Base)
NO. 5002-O: 12 Colored Refill Crayons (Oil Base)
NO 5003-C: 12 Charcoal and White Chalk Refills
NO. 5004-M: 12 Graphite Refills (Medium)

ALVIN
QUALITY AT THE RIGHT PRICE

LEAD POINTERS FOR POCKET OR DESK USE. PENCIL POINTERS IN WOOD OR STEEL

ALL-NEW "KLEEN-POINT" POCKET LEAD POINTER

POCKET MODEL
NO. 5555
PATENTED

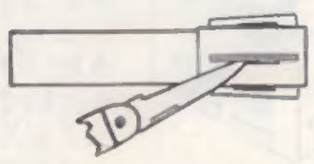
for pointing all types of standard refill leads or pencil leads. Small, compact design enables every draftsman, engineer, architect, accountant, designer, artist, instructor, student, etc., to conveniently carry this quick Kleen-Pointer in pocket or brief case.

Alloy case. Upper part oxydated in black, red, blue, green, gold or copper Features dust defence to protect clothing.

Rubber diaphragm holds graphite dust in. Keeps hands and pockets clean

- 4 tempered steel blades assure perfect, clean points
- Quick, easy to operate; foolproof construction
- Sharp points, always tapered, clean and free from graphite
- Guide-tube prevents lead snapping
- Compact size: only ¾" thick and 2¼" long
- Non-rolling square design; light weight
- Graphite cup retains lead particles, unscrews for easy disposal
- Attractive anodized aluminum colors

Freehand operated with four conical, replaceable blades of hardened Swedish steel.



Extra blades available in sets of four.

"Kleen-Point" is the ideal pocket Lead Pointer. Practical design and dependable construction assure years of continuous service. The strong dural material has polished finish. "Kleen-Point" incorporates a special drop-out core for quick and easy replacement of blades. Four knife-edged tempered steel blades are interlocked and set to guarantee a true lead point at all times. Removable receptacle at bottom catches lead particles for neat, easy disposal. An economical and practical lead pointer for everyone in the home, office, shop, or school.

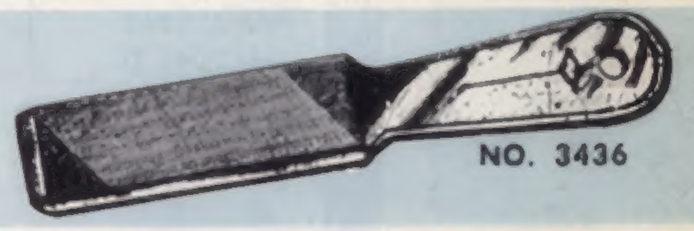
NO. 5555 —Kleen-Point Pocket Lead Pointer
NO. 5555D—Attractive Holder Set-Up Display Card
NO. R555B—Replacement blades; 1 dozen sets to a box

SPECIAL GASKET WIPES POINT CLEAN
CONFINES DUST TO COLLECTION CHAMBER

NO. 3435

PENCIL POINTER

Pencil Pointer Pad, block size 1" x 4" Hanging hole in handle. For pointing pencils, charcoal, crayons, and pastels. Has 12 sheets of sand paper padded and mounted on wood handle.

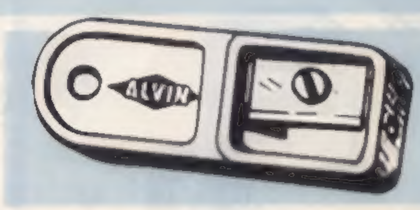


NO. 3436

STEEL PENCIL POINTER

The "Evalast" Multi-File, 5 in. long. Ideal as a pencil lead pointer, eraser, cleaner, tack lifter or handy letter opener. Practical and indestructible. Economically priced.

"MINIATURE" LEAD POINTER



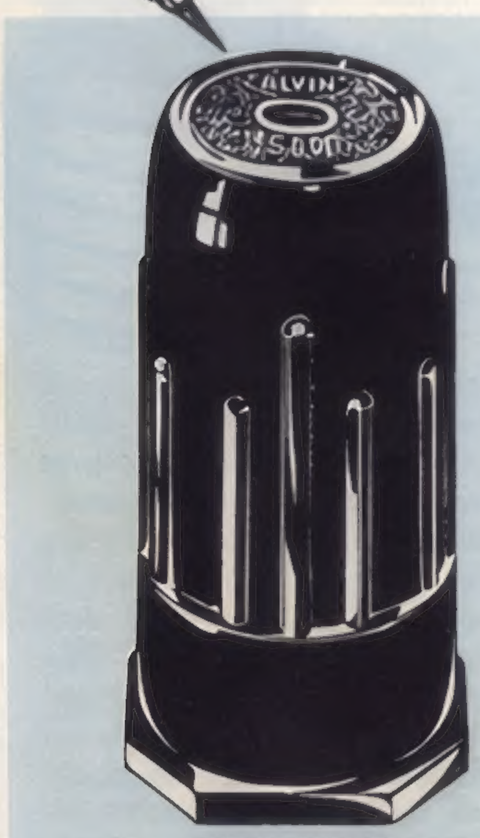
NO. 9800

A small precision-set sharpener that will point the lead on wood case pencils as well as refill leads on draftsmen lead holders. Flat design for finger-tip grip. Packed 3 dozen to a box, 1 gross to a carton.

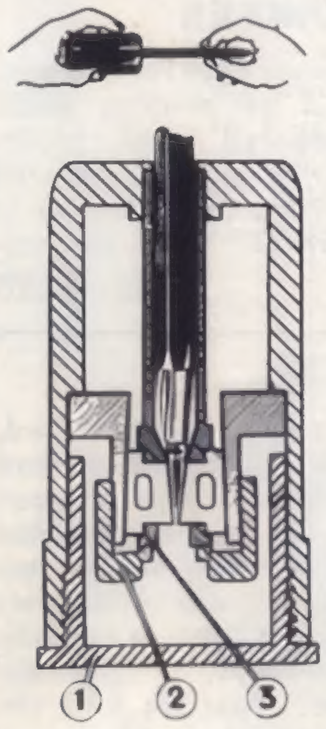
THE IDEAL PRECISION LEAD POINTER FOR THE DRAWING TABLE

- **Features four conically shaped, replaceable blades of hardened Swedish steel. Freehand operation gives the advantage of full control when sharpening.**
- **Black, round plastic case with removable dust container**

Easy to operate — assures perfect lead points — Retains graphic dust—Keeps hands clean—Keeps your Lead Holder handy at all times. Can be used for most standard Lead Holders. Four knife-edge blades guarantee a true point. Fool-proof construction; designed and assembled for years of continuous service. A practical instrument for every purpose where a pencil is used. A few simple turns and you have your desired point.



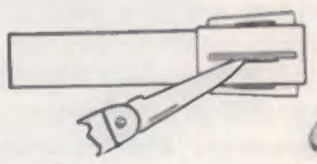
DESK MODEL
No. 5000
patented



1. Dust container
2. Fastening nut for blade inset
3. One of the four blades

- √ No pencil sharpening
- √ No pencil stubs
- √ Save money
- √ Save time

Get Pin-Point Perfection
WITH ALVIN'S IDEAL PRECISION LEAD POINTER



1 set blades (4 pieces) for replacement

No. 5000 — "Precision" Desk Lead Pointer
No. 5000D — 12 Pointers in Display Box
No. R500B — Replacement Blades, Packed 1 doz. sets to a box.

THE "DART" NO. 5500 LEAD POINTER

DESIGNED FOR POINTING ALL TYPES OF STANDARD REFILL LEADS

- Streamlined pen design—with pocket clip
- Sturdy construction for long service – attractive polished aluminum barrel.
- Lightweight – only ½ oz. – 5" long.
- Pre-locked 4 tempered steel blades guarantee conically perfect tapered points.
- Rubber diaphragm wipes point and holds graphite dust in barrel chamber – keeps hands and pockets clean.

This distinctive and unique pocket clip lead pointer is what every draftsman, architect, engineer, designer, artist, instructor, student, etc. has been looking for – a lead pointer to be easily and smartly carried on their person.

The rubber diaphragm eliminates loose graphite dust and wipes the point clean. The 4 blades and diaphragm are pre-locked into a module unit securely screwed into barrel for set-lock position. Makes for simple blade replacement. A functional lead pointer at an economical price.

No. R550B –
Replacement Blade Unit

MECHANICAL LEAD POINTERS & LEAD CLEANERS. ELECTRIC LEAD POINTERS & PENCIL SHARPENERS

ALVIN
QUALITY AT THE RIGHT PRICE

TRU-POINT MECHANICAL PENCIL LEAD POINTER

No. 3433 Variable Taper Model for adjusted lead points. Short, Med., Long.

No. 3433 VARIABLE MODEL D

No. 3434 STANDARD MODEL D

No. 3434 STANDARD MODEL

NO. R343D

Gives You the Point You Want—From Blunt to Hairline—in Seconds.

Puts perfect points on lead of mechanical pencils (draftsmen type). and on wood pencils after wood has been cut back with a knife or draftsman's special wood cutter.

PRACTICAL: Fast. easy to operate. Simply insert pencil into the guide and rotate the cover (the more rotations. the finer the point). Will not break leads even when an extremely fine point is required.

CLEAN: Graphite dust is retained within the body of the TRU-POINT. but cannot come in contact with the pencil barrel. Dust is easily removed.

Special abrasive liners give at least four months' service each. under normal. everyday use. Liners are quickly. easily replaced. Inexpensive.

NO. R343D - "Quick-Change" Abrasive Cup Refills for Model D. - Packed 3 to a Package.

NO. CKD - Conversion Kit - Convert any Tru-Point to use Model D "Quick-Change" Abrasive Cups.

BOSTON LEAD POINTER

AUTOMATICALLY PRODUCES VARI-TAPER POINTS BY REGULATING THE LENGTH OF LEAD EXPOSED

YOU WILL ALSO LIKE the clean renewal feature for the abrasive. You simply slip in a new BOSTON refill abrasive cup. Gone is the dirty, graphite finger smudging job of fastening a new abrasive liner. Slip in a new cup and you're up with a fresh lead pointing service.

YOU WILL LIKE the BOSTON LEAD POINTER mechanically, particularly the speed in getting the desired point.

No-skid cork base lets you use it anywhere.

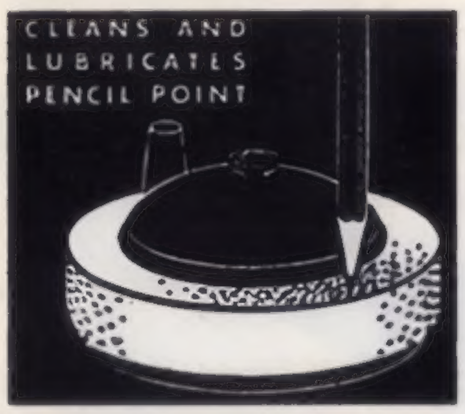
No. 3432

No. R342L

Abrasive Refills packed 3 to a box.

Use the gauge lines on top of the pointer to adjust the length of leads.

The longer the lead - the longer the degree of taper.



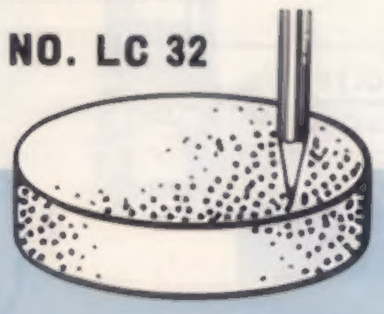
LEAD POINT RING CLEANER

Fits Tru-Point and Boston Model Pointers

No. LC33 — STAB ME rings are less expensive than similar products on the market, yet give greater service life . . . 3 to 6 months. STAB ME rings clean newly sharpened pencil points and at the same time lubricate the lead to give longer wear to the point, increasing efficiency.

"STAB-ME" DISC DESK TOP LEAD POINTER CLEANER

NO. LC 32



An inexpensive and convenient method to clean newly sharpened pencil points. The disc design offers solid cleaning area for long service life. A special double sided plastic adhesive permits the disc to be easily set on any desk top or smooth surface without marring or leaving residues.

"TWIN-POINT" LEAD POINTER

Ø 3,2 mm

Ø 2 mm

No. 6325 — Compact Plastic Case Lead Pointer. For pointing 2 mm or 3 mm drawing leads. Serviceable sharp tempered steel blades accurately set to produce, true conical, tapered points. Transparent cover cap easily removed to dispose of graphite particles. Clean and convenient to use.

No. 6325

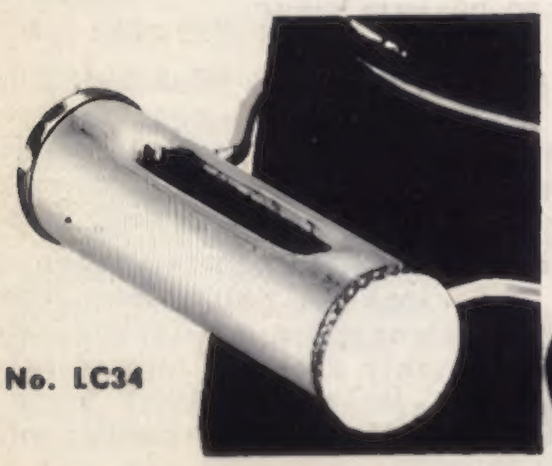
No. 6318 "FINGER-GRIP" PENCIL SHARPENER A simply designed plastic finger-grip pencil sharpener with convenient spare self-contained blade. Extra large cutting blade to produce full length sharpened pencil point. Inexpensive and practical for school and commercial use.

No. 4440 "SOFTIE" PENCIL SHARPENER

Unbreakable desk model pencil sharpener with memory plastic retaining cup for dispensing of pencil shavings. Large accordion designed retaining cup gives spring type action for "soft" sharpening without danger of breaking point. Steel cutting blade is affixed to aluminum sharpener. Blade is replaceable. A handy sharpener that gives a perfect conical point every time. For professional or student alike.

R440B — Replacement Blades — 1 Doz. to a Box

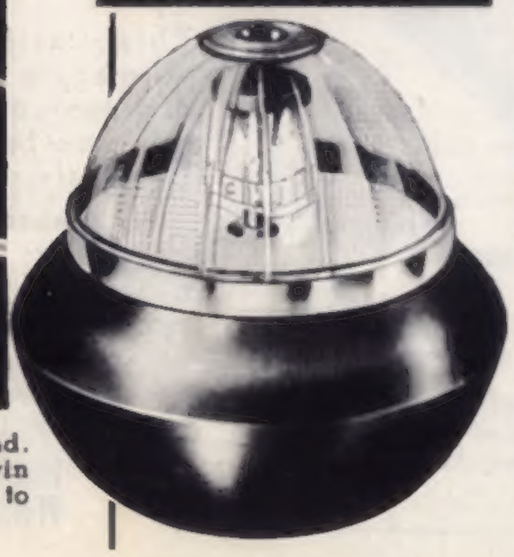
Tru-Point Lead Cleaner



No. LC34

Removes all dust from freshly pointed lead. Just whisk point through Lead Cleaner. Twin nylon brushes clean instantly. Designed to slip over body of Tru-Point Lead Pointer.

New! "ORBIT" Electra Lead Pointer



No. 5050

A quick and easy lead pointer for every drawing board, table or desk. "ORBIT" Electra is a fully automatic lead pointer that will give your drawing lead a tapered, clean and sharp point in seconds. Simply insert an extended lead (approximately ½" pencil or holder) into the top opening and press slightly. Motor activates immediately and produces the desired pointed lead in seconds. Sharp edge, tempered and hardened, Swedish steel blades give a clean, true point. Operates on 3 No. "C" dry cell batteries, which are included. A spare set of replacement blades is also included. The smartly styled plastic dome housing offers protection to motor and pointer mechanism. A proven and tested pointer for dependable service.

No. R555B — Extra temper hardened steel blades 4 per set — 1 dozen sets per box

ALVIN

QUALITY AT THE RIGHT PRICE

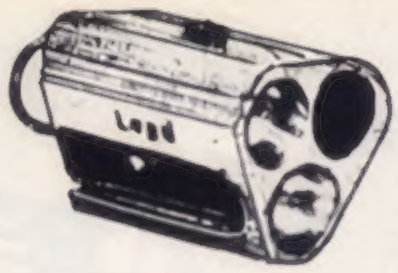
POCKET & DESK TYPE PENCIL SHARPENERS FOR HOME, OFFICE, SHOP & SCHOOL USE

"SIMPLEX" PENCIL SHARPENER

No. 9811

Made of aluminum and designed with contour finger grip, the "Simplex" Sharpener cuts the wood and lead at the same time, gives lead long, tapered, clean-cut points. A serviceable and inexpensive pencil sharpener. Packed 12 sharpeners to a box.

NO. 9811B—Replacement Blades for sharpener, packed 1 dozen to an envelope.



"TRIPLE-DUTY" PENCIL SHARPENER

No. 9833

A versatile well-made aluminum sharpener with handy ring attachment for fastening on desk or drawing board. The first section cuts away the wood on large diameter pencils; the second section cuts away the wood on small diameter pencils; the third section points the lead. Packaged 12 sharpeners to a box.

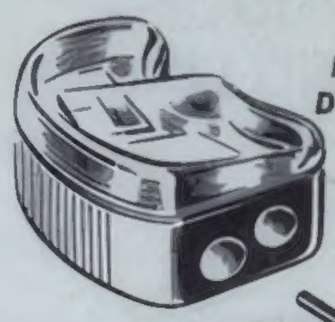
NO. 9833B—Replacement Blades for sharpener, packed 1 dozen to an envelope.

ALLHAND 3-WAY PENCIL POINTER

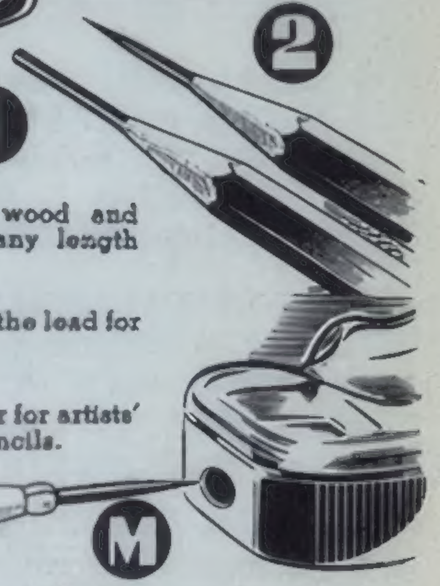
No. 6336

LIGHTWEIGHT—COMPACT—DEPENDABLE—ECONOMICAL

SHAPED TO fit comfortably in hand. 3 steel blades sharpen lead to any point desired.



NO. 6336



Blade 1—Sharpens the wood and lays open the lead in any length required.

Blade 2—Sharpens only the lead for a fine, exact point.

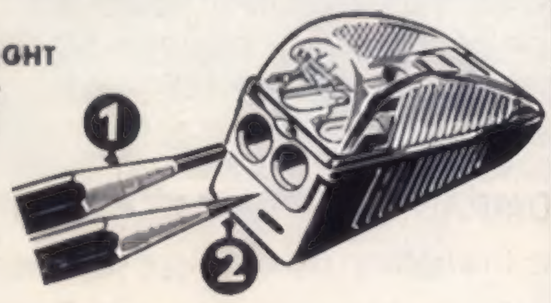
Blade M—Special pointer for artists' lock-type Mechanical Pencils.

NO. R633B—Replacement Blades 1 dozen to a Box

2 WAY PENCIL SHARPENER

May Be Carried In Your Pocket, Purse, Or Briefcase

- CLEAN
- LIGHTWEIGHT
- COMPACT
- RELIABLE



No. 6332

- New style with shaving container
- Stops waste on pencil sharpening
- Glass hard Swedish Steel Blades set in plastic
- Packed in attractive color cartons

NO. 6332—Individually boxed.

NO. R633B—Replacement Blades one dozen to a box.

"PRECISION" POCKET PENCIL SHARPENERS

No. 4422L adjustable PRECISION PENCIL SHARPENER

"VARIABLE" ADJUSTABLE PENCIL SHARPENER

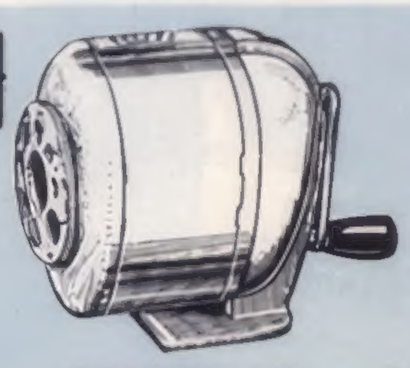
NO. 4422L

gives blunt, medium, or sharp points at the turn of a knob. Blunt point for colored crayon type pencils. Medium point for general use. Long sharp point for drafting pencils. Supplied in individual leather pocket case.

individually tested

NO. R442B Replacement Blades Three to an envelope

RANGER DRAFTSMAN & BOSTON KS DRAFTSMAN PRODUCES POINT AS ILLUSTRATED



BOSTON RANGER

No. 55DS - Draftsman's Model
No. 55RS - Regular Model

Double Bearing

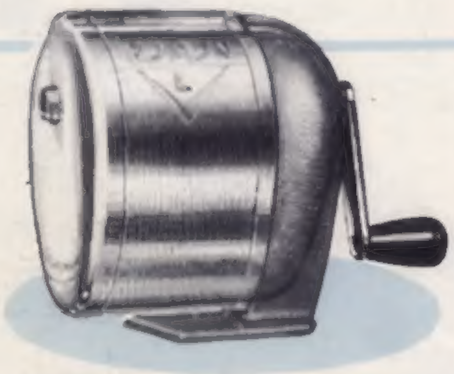
- Special cutters prepare pencil for finish-pointing on draftsman's emery-board.

Any drafting room Eliminates tedious whittling by highly-paid draftsmen. keeps table, work and fingers clean Makes expensive drafting pencils last longer.

BOSTON KS

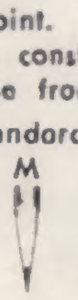
No. KSD - Draftsman's Model
No. KSR - Regular Model

MODEL KS most popular all-round modern design pencil sharpener. Has Pencil Guide for 8 sizes of pencils. Stop accurately prevents pencil waste. Big, husky construction; longer speedcutters; 30 cutting edges; receptacle all steel, nickel-plated; stand attractively gray.



BOSTON "RANGER" REGULAR
Pencil Sharpener with adjusting and selector point.
Double bearing construction. Three points to choose from:

Fine F | Standard M | Broad B



Use the easy Selector on the handle.

"KS-REGULAR" AND "MODEL L" produce point as illustrated.

MODEL L, a big streamlined all metal pencil sharpener for standard size pencils. Speedcutters; 30 cutting edges and efficient pencil stop. Receptacle all steel, nickel-plated. Stand finished in attractive gray.

"PRECISION" PENCIL SHARPENERS

RECOMMENDED FOR ALL DRAFTING ROOMS, OFFICES, STUDIOS, SHOPS AND SCHOOLS

BOSTON SELF-FEEDER

No. 4D - Draftsman's Model
No. 4R - Regular Model

SELF FEEDER No. 4 This model has a device which feeds the pencils automatically and prevents careless or off-center sharpening. Adjustable to various size pencils. 15 cutting edge twin milling cutters of hardened steel and all metal, nickel-plated receptacles are extra features.

produces point as illustrated

BOSTON VACUUM MOUNT

No. VMR

A New, Portable Pencil Sharpener requiring No screws or clamps for fastening. Just Flip the lever and AIR locks the sharpener to any non-porous, flat horizontal surface.

Boston Vacuum Mount has an exclusive plated steel pencil guide which locks tight in position for eight pencil sizes. This model has an all steel nickel plated receptacle and 30 cutting edged Boston Speed cutters.

Completely portable, can be stored in the desk drawer when not in use.

No. 3

BOSTON BULLDOG The new Boston Bulldog pencil sharpener is steel construction and has double bearing design for the greatest durability. Twin milling cutters with 15 cutting edges... answers the school demand for a relatively low cost steel double bearing sharpener.

"EAGLE" PENCILS, LEADS & ART SETS. MECHANICAL & ELECTRIC LEAD POINTERS

ALVIN
QUALITY AT THE RIGHT PRICE

EAGLE TURQUOISE PENCILS AND LEADS

Turquoise, the nation's largest-selling line is famous for:

- **DURABILITY** . . . for long lines of uniform width
- **NEEDLE POINT STRENGTH** . . . for stamina
- **OPACITY** . . . for vivid contrast and sharp prints
- **SMOOTHNESS** . . . for faster work with less effort
- **PRECISION GRADING** . . . for precision drafting.

No. E375 TURQUOISE DRAWING PENCILS are hexagon, blue finished, with metal cap, and leads made of 100% "Electronic" graphite refined to 1/25,000th of an inch! 17 degrees: 6B,5B,4B,3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. One dozen in box, half gross to carton.

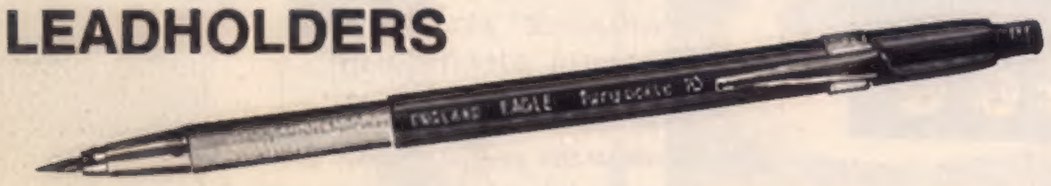
No. E5375 TURQUOISE FILMOGRAPH PENCILS have a special black plastic lead which will not smear on the new coated drafting films. 6 degrees: E0, E1, E2, E3, E4, E5. One dozen in box, half gross to carton.

No. E2375 TURQUOISE DRAWING LEADS are of the same fine quality as those in Turquoise pencils, but are $5\frac{1}{8}$" long. .078" diameter to fit all standard leadholders. 17 degrees: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H. One dozen of a degree in plastic tube.

No. ET2375 TWIN-LEAD PACK of Turquoise leads holds 2 leads in a plastic tube, 36 tubes in box. 17 degrees as above.

No. E6575 TURQUOISE FILMOGRAPH leads are black plastic for drafting on coated film. 6 degrees: E0, E1, E2, E3, E4, E5. One dozen of a degree in plastic tube.

LEADHOLDERS



No. E10C TURQUOISE LEADHOLDERS offers professional drafting quality at a modest price. Unbreakable blue krylastic barrel, knurled metal finger grip, rifled chuck, and push-button action . . . with an emergency pointer built into the button! One dozen in a display box.

NO. 1600 COMPACT ELECTRIC LEAD POINTER

The ideal way to sharpen mechanical lead pencils.

This pointer is designed to point leads, primarily for clutch type automatic pencil, bow and beam compasses, also colored lead except of the very soft wax type. A precision high speed pointer featuring solid carbide blades with rotating cutting edges for years of service without replacement. The free floating cutting assembly reduces lead breakage and gives a perfectly even tapered point instantly. Automatic starting and stopping activated by pressing lead against cutter. A special gasket seals in graphite dust and wipes point clean. Graphite shavings retained inside visual clear chamber — no dirty hands. Powerful shock-proof quiet motor for years of dependable service. Guaranteed one year. Rugged thermoplastic case with non-slip base — weighs only 1¾ lbs. Complete with instructions.

No. 1600

Replacement Parts:

No. 1601 Lead pointer cap, cutter unit (complete)
No. 1602 Carbide cutter assembly only

LEAD POINTERS

No. EP17 EAGLE TURQUOISE POINTER makes a perfect needle point with a few turns of the turret around a unique, 60-edged cutting wheel. Large dust trap, point cleaner. Desk clamp.

No. EP16 EAGLE CHISEL POINTER (not shown) is an ingenious device that makes a chisel point (or a needle point) by turning the handle. Large dust drawer. Desk clamp.

EAGLE VERITHIN PENCILS AND ART SETS

VERITHIN COLORED PENCILS have thin, strong, brilliant leads that take a needle point, hold it for 5,000 check marks before repointing, and make bright marks that will not run when wet. Hexagon, finished to match the lead, with gilt tips. One dozen in box, half-gross to carton.

E734 White
E735 Canary Yellow
E737 Orange
E738 Grass Green
E739 Green
E740½ Non-Photo Blue
E741 Indigo Blue
E742 Violet
E744 Scarlet Red
E745 Carmine Red
E746 Sierra Brown
E747 Black

COLOROFF PENCILS are similar to Verithin, but with a tip and eraser and special leads that erase easily.

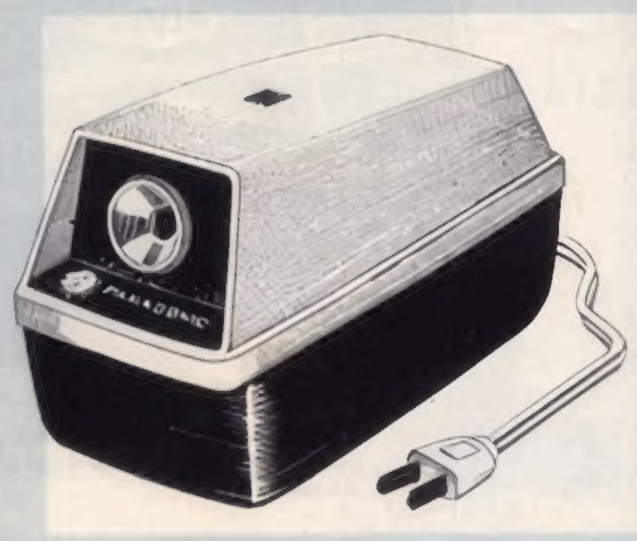
E1745 Red
E1741 Blue
E1739 Green
E1735 Yellow
E1750 Vermilion
E1740½ Non-Photo Blue

12 COLOR ART SET
No. E796 contains one each of the 12 Verithin colors listed above, in a transparent plastic easel set.

AUTOMATIC *Electric* PENCIL SHARPENER

Automatic, perfect-point, pencil sharpener • Long-life, tungsten high-speed steel cutter blade • Perfect-point electronic indicator flash • Slide-out transparent tray • Completely sealed motor housing • Non-skid suction cups

PANASONIC
POINT-O-MATIC KP-8A



NO. KP-8A

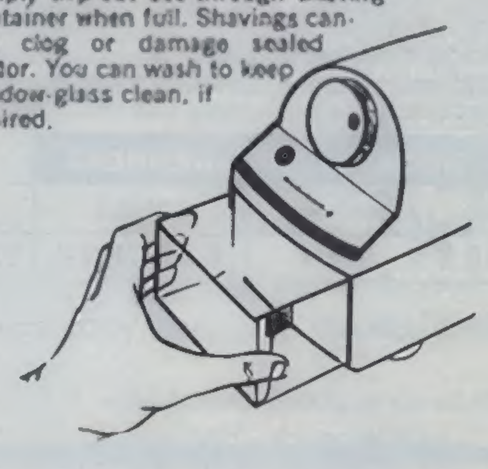
FULLY AUTOMATIC ELECTRIC OPERATION
CLOG PROOF SEALED MOTOR
BALL BEARINGS NEVER NEED OILING

AUTOMATIC LIGHT SHOWS WHEN SHARPENED

Saves time, temper and pencils. Automatically flashes on the instant your pencil has a needle sharp point.

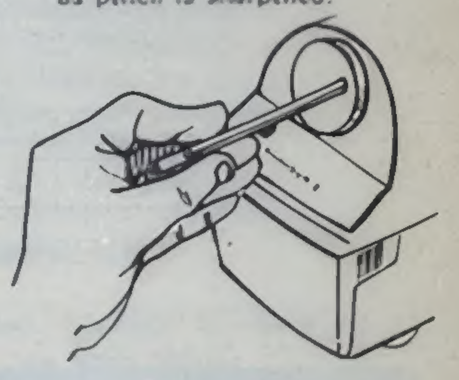
EASY TO EMPTY AND KEEP CLEAN

Simply slip-out see-through shaving container when full. Shavings cannot clog or damage sealed motor. You can wash to keep window-glass clean, if desired.



COMPLETELY AUTOMATIC ELECTRIC OPERATION

Slip-in pencil. Almost instantly — a second or two — you have a needle sharp point. Sharpens lead — pastel and charcoal pencils, too! Light flashes as soon as pencil is sharpened.



No. EE170 AUTOMATIC ELECTRIC ERASER

No. EE170 —Automatic Electric Eraser has no finger or thumb switch—just pick it up and start erasing. Shuts off automatically when you put it down on its side. Equipped with long, reinforced erasing chuck. Designed for all types of erasing work. Compact and of exceptionally lightweight construction. Supplied with 8' rubberized, plug-in cord.

No. EE170 —Automatic Electric Eraser complete with one dozen replacement eraser tips in 4 different grades.

Dependable

Quiet, efficient, trouble-free. High torque, heavy duty, shaded pole 115V, 60C AC motor has no brush or commutator mechanism to clog or fail.

Versatile

Use to erase pencil, ink, or type. Erases fine lines or solid blocks with equal ease, with or without an erasing shield.

Powerful

Full power in an instant—ample power for any erasing need.

Carefully balanced palm-fit for effortless erasing.

Molded ribs for an easy non-slip grip.

Simple chuck for quick replacement and ready adjustment of eraser.

No. EE170

Extra Refill Erasers for No. EE170 — Size ¾" x .290/.295" dia. Packed 1 gross to a box

Actual Size

No. ER7 Red
No. ER12 Grey Ink
No. ER13 White
No. ER14 Pink
No. ER15 Green
No. ER19 Vinyl

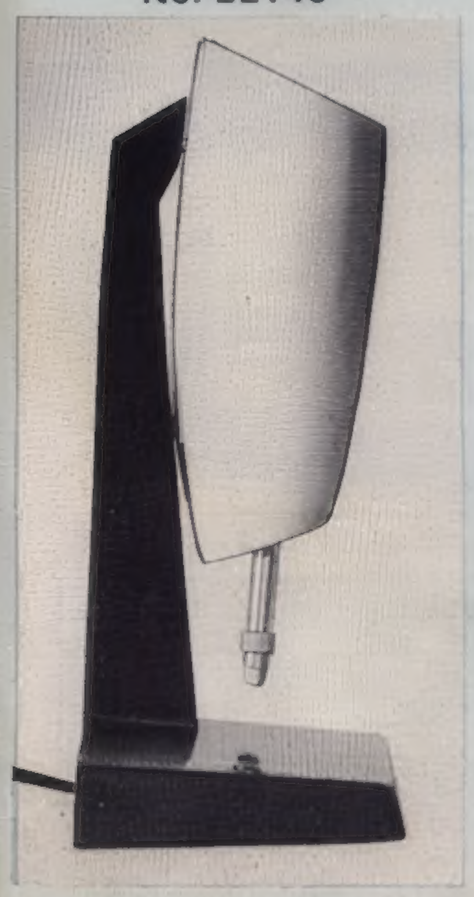
No. CK176 - Extra Eraser Chuck Kit

No. KP-11A "TRI-POINT" AUTOMATIC ELECTRIC PENCIL SHARPENER

Same basic construction and design as No. KP-8A but has the added feature of a variable point selector. Insert a pencil, sharpener activates automatically; three electronic lights flash in turn as pencil reaches successive degrees of sharpness - Blunt, Medium and Fine points. Clean, true points every time.

NO. EE140 "PONY" CORDLESS, RECHARGEABLE ELECTRIC ERASER . . . *A practical time-saving tool that handles many paper work jobs.*

No. EE140



The "Pony" erases in any position without a cord to dirty, snarl or twist. Powerful nickel-cadmium battery will handle a full day's erasing operation under normal use. Recharges with its own automatic recharging stand which doubles as a storage caddy when not in use. Contour design fits the hand like a pencil — weighs only 6 oz. — just 5¾" long. High Speed (5000 rpm) gives feather-touch operation and pin-point accuracy without harming paper surface. 1⅝" Eraser plugs held firmly in place with simple friction chuck. "Pony" eraser and stand made of rugged "Cycolac" thermoplastic in beige and walnut brown color combination. Complete with automatic rechargeable stand and assorted eraser refills. Individually boxed.

ERASER REFILLS FOR NO. EE140

Size: 1⅜" long × .200 dia.: 1 Dozen per pack

No. 1060ER — Soft Pink
No. 1061ER — Medium Red
No. 1062ER — Gray Ink
No. 1063ER — Assortment 4 each of types listed

Electric Erasing Machine

Model No. EE175

USED BY
Draftsmen Engineers Artists Architects

The erasing machine designed for those who really use them. Lightweight but rugged and dependable for years of service . . . machine has motor built especially for erasing. Many important design features have resulted in a machine that is universally accepted.

1. **Full 7" eraser stops the problem of inserting short erasers after every few minutes of work. Erasers feed from either end. When collet assembly is loosened, eraser feeds out through its own weight.**
2. Detachable screw or slip collet assembly can be removed without returning to factory. If damaged, collet assembly can be installed by removing the damaged collet and screwing a new assembly on the motor shaft.
3. **The switch can be set to continuous "on" position for heavy erasing needs.**
4. **Hand-shaped design gives free and easy use of the machine in all work positions. Fits easily in hand with no danger of slipping out and possibly damaging paper.**
5. **Octagonal shape design lessens accidental damage because it will not roll off a table set at normal working slant.**
6. **Location of the motor cooling vents are ideal for operating coolness under the heaviest erasing conditions.**
7. **Hollow shaft design permits eraser insertion from either end as well as the use of long erasers.**
8. **Large hook located on top of machine permits quick hanging without twisting machine.**

7" Refill Erasers for No. EE175

Size 7" x .255/.265" dia. (1 doz. to a box & 1 gross per carton)

No. ER70 Assortment: 2 each composition ER72-ER77
No. ER72 Dark Grey Ink
No. ER73 White Pencil
No. ER74 Pink Pencil
No. ER75 Green Soft Pencil
No. ER76 Soft Pink
No. ER77 Standard Red Pencil
No. ER78 Nu-Red
No. ER79 Vinyl

Electric Eraser Holder – EE175H –

Fits all Drafting Tables Keeps eraser handy and prevent accidental falling

NO SCREWS REQUIRED

Remove screws, one at a time, from guard rail at front of drawing board. Position holder and retighten screws.

REFILL DRAWING LEADS & COMPASS LEADS IN POPULAR DEGREES OF HARDNESS

ALVIN
QUALITY AT THE RIGHT PRICE

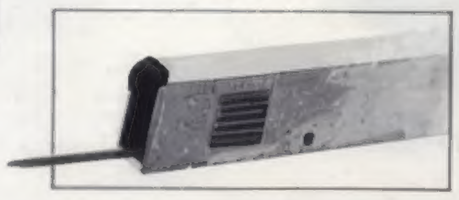
"CONSTANT" REFILL DRAWING LEADS

Alvin "Constant" refill drawing leads. A superior choice of top grade imported refill drawing leads in both quality and strength. "Constant" Graphite drawing leads are uniform in texture and time tested under rigid standards. Supplied in a complete range of 18 degrees, accurately graded from 7B to 9H in full 5" lengths. "Constant" refill leads guarantee perfect drawings and sharp prints without inking. Excellent clarity and density produce the finest results in reproduction. Leads are of standard diameter and can be used with any standard make of lead holder or artist pencil. Supplied in new plastic single lead ejection tubes containing one doz. leads.

NO. 5018

DEGREES OF HARDNESS				
Very soft	Soft	Medium	Hard	Very hard
7B 6B 5B 4B	3B 2B B	HB F	H 2H 3H 4H	5H 6H 7H 8H 9H

Each lead is clearly stamped with the degree.



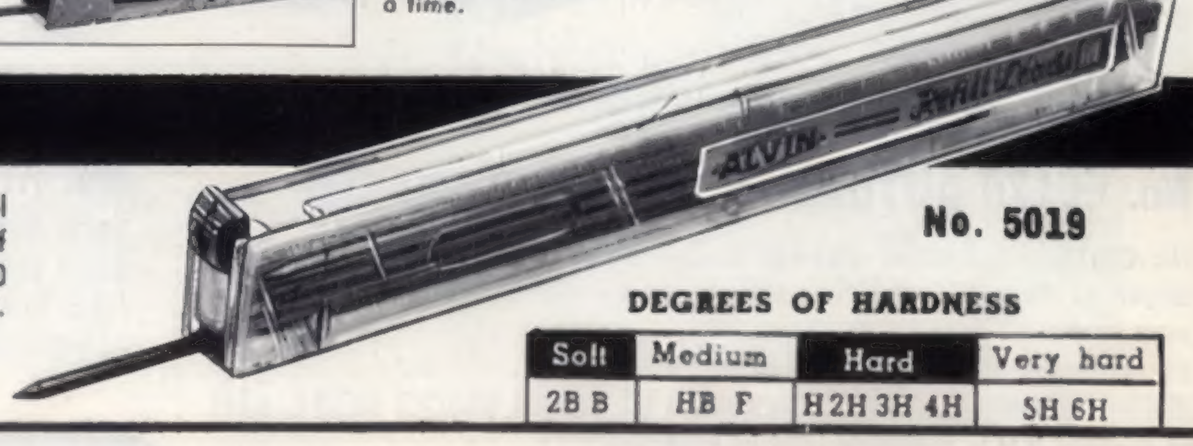
New plastic self-ejecting tube conveniently ejects one lead at a time.

No. 5018—12 "Constant" Refill Leads in plastic ejector tube. 6 Tubes Per Plastic Box

"STUDENT" REFILL DRAWING LEADS

A good quality grade of drawing leads prepared for Students and School Drawing Depts. These refill drawing leads are made of a selected choice of fine graphite grading in both uniformity and strength. Available in 10 degrees of hardness ranging from 2B thru 6H. Supplied in new plastic self-ejector tubes.

No. 5019 — 12 "Student" Leads per Tube

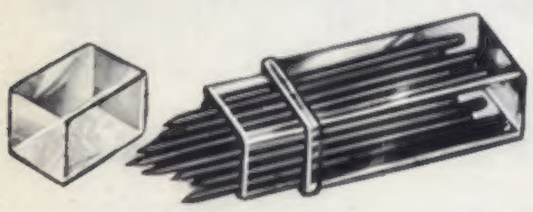


No. 5019

DEGREES OF HARDNESS			
Soft	Medium	Hard	Very hard
2B B	HB F	H 2H 3H 4H	5H 6H

PREPARED COMPASS LEADS

12 Compass leads in a plastic tube.



No. 5112—
The economy box of 12 tubes for real savings.

DON'T DESTROY YOUR PENCILS — SAVE MONEY
DON'T COLLECT PENCIL STUBS — SAVE SPACE
DON'T SEARCH FOR PENCIL ENDS — SAVE TIME

Use Alvin prepared compass leads which are made especially for use with all types of drawing instruments. They are of standard diameter and 1¼" long with sharp chisel points. These compass leads are neatly supplied in clear plastic tubes of 12 leads per tube, available in the following degrees — F, HB, H, 2H, 3H, 4H, 5H and 6H. When ordering please specify the degree wanted.

No. 5112—12 Compass leads per tube — 12 Tubes of compass leads per box

No. 5112D—12 Boxes in a attractive counter display carton

No. 5115D—Illustrative counter display card holding 72 plastic tubes, containing 18 tubes each of H, 2H, 4H and HB degrees

PREPARED COMPASS LEADS IN BULK

Bulk pack economy box for additional savings.

Wooden box containing 144 compass leads.

NO. 5144 –

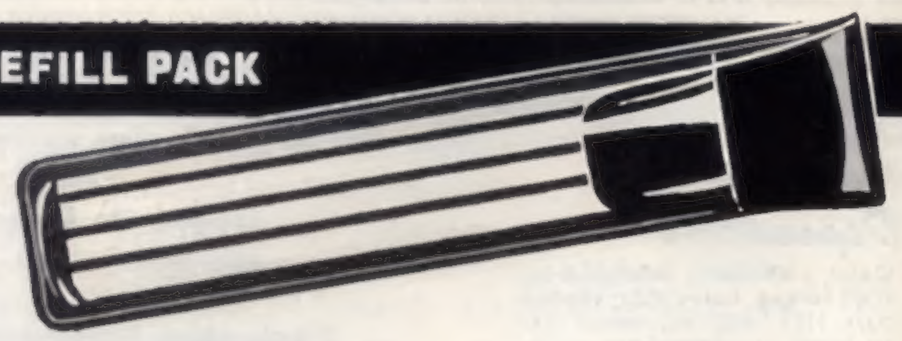
IDEAL FOR SCHOOLS, INDUSTRIES AND COMMERCIAL USERS

Prepared compass leads are supplied in bulk for both economy and compact usefulness. The user that consumes sizable quantities will find these prepared leads handy and neatly packed for immediate use. These leads are 1¼" long with sharp chisel points. The leads are packed in square wooden boxes (1¾" x 3¼") with slide type covers. Each box contains 144 leads of one degree. The leads are supplied in the following degrees

HB,	F,	H,	2H,	3H,	4H,	5H,	6H

Please state choice of color when ordering.

BUDGET REFILL PACK



No. 5018/3

BUDGET REFILL LEAD PACK, PREPARED FOR STUDENTS AND VOCATIONAL NEEDS

Three full length 5" Constant refill drawing leads, protectively packed in slotted wood frame and offered in a clear vinyl plastic sheath for ready use or storage. Budget priced for students and professional use. Supplied in degree packs of: 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H.

REFILL PACK

No. 5018/2

DEGREES OF HARDNESS			
Soft	Medium	Hard	Very hard
2B B	HB F	H 2H 3H 4H	5H 6H

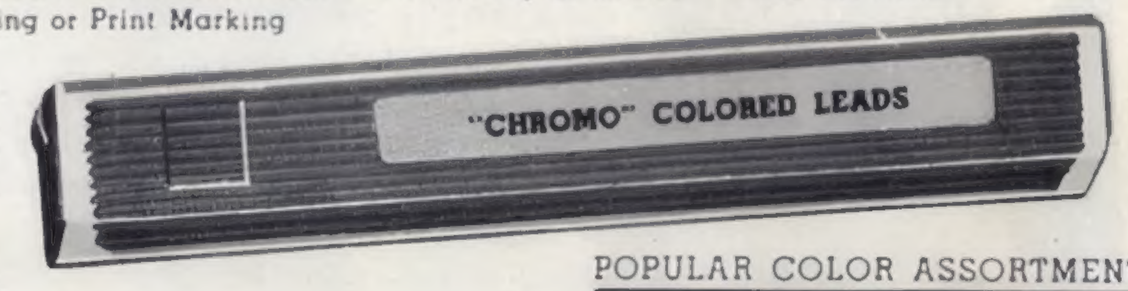
State degree when ordering

No. 5018/2 "Constant" TWO-LEAD REFILL TUBE

Two full length standard 5" "Constant" refill drawing leads sharpened and degree imprinted in protective rigid plastic tube with non-roll, color-coded cap ends. Supplied in 10 popular degrees.

"CHROMO" COLORED LEADS IN 12 BRILLIANT COLORS

These leads are scientifically processed to obtain the strength of a top quality, uniform grade which has been proven over the years with continued satisfaction. "Chromo" Colored Leads — Do Not Fade — Will Not Smear — Can Easily Be Erased — Used For Drawing or Print Marking



No. 5024
12 leads per tube (assorted colors)

No. 5025
12 leads per tube (one color)

POPULAR COLOR ASSORTMENT

Silver	Carmine Red
Gold	Vermillion Red
Orange	Emerald Green
Brown	Yellow
Blue	Violet
Green	White

When ordering single colors listed above, please state choice of color.

PARAMOUNT DRAWING PENCILS "DIAMOND"

Paramount "Diamond" drawing pencils are made from the finest cedarwood. Opaque leads available in 18 degrees, perfectly graded to permit constant uniform density . . . are extra strong to withstand extreme pressure . . . smooth, non crumbling, longer wearing . . . sharpen to a fine, clean point. This all adds up to perfect drawings and sharper blueprints. Scientifically manufactured under rigid standards. Distinctively marked with degree of hardness on three sides for easy identification.

Supplied pointed with distinctive chrome metal caps.

No. 5055

1 doz. pencils per box, packaged ½ gross cartons

DEGREES OF HARDNESS:

Very soft	Soft	Medium	Hard	Very hard
7B 6B 5B 4B	3B 2B B	HB F	H 2H 3H 4H	5H 6H 7H 8H 9H

State degree when ordering

PARAMOUNT DRAWING PENCILS "CIRCLE"

Paramount CIRCLE pencils economically priced and ideal for schools, vocational institutes and colleges. Surpasses the quality standards set by commercial users. Highly recommended by leading instructors Made of quality cedarwood and exceptionally fine leads in 10 degrees of hardness. Degree of hardness marked on two sides for quick identification.

1 doz. pencils per box, packaged ½ gross cartons

No. 5054

DEGREES OF HARDNESS

2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H

State degree when ordering

DEGREES OF HARDNESS:

Soft	Medium	Hard	Very hard
2B B	HB F	H 2H 3H 4H	5H 6H

PARAMOUNT — DRAWING PENCIL No. 5055
PARAMOUNT — CIRCLE DRAWING PENCIL No. 5054 HB
PARAMOUNT — CHROMO — COLORED PENCIL No. 5026
UNIVERSE WRITING PENCIL NO. 5080

No. 5055 No. 5054 No. 5026 No. 5080

PARAMOUNT DRAWING PENCILS "CHROMO"

Paramount "Chromo" pencil with distinctive gilt-metal tip has moisture-proof permanent colors that will not smear . . . made of quality cedarwood . . . excel in brilliance and strength and are of smooth uniform texture. Can be sharpened to blunt or fine points . . . excellent for drawing, sketching, marking and checking Available in a range of 12 colors.

No. 5026 — Colored assortment package of 12 popular colors

Colors:

No. 5027 - Carmine Red	No. 5033 - Violet
No. 5028 - Vermillion Red	No. 5034 - Black
No. 5029 - Orange	No. 5035 - Brown
No. 5030 - Lemon Yellow	No. 5036 - White
No. 5031 - Light Blue	No. 5037 - Light Green
No. 5032 - Royal Blue	No. 5038 - Dark Green

1 doz. pencils per box, packed in ½ gross cartons

No. 5046 — Colored assortment package of 24 popular colors

"UNIVERSE" WRITING PENCILS FOR DRAWING ROOM OR CLASSROOM

"UNIVERSE" hexagon-shaped pencil with rounded corners. Yellow polish. Has metal ferrule with distinguishing gold band. Needs less sharpening . . . points do not snap or crumble. Pink eraser of outstanding quality. For use in classroom or for commercial use.

No. 5080

No. 1 Soft
No. 2 Medium Soft
No. 2½ Medium
No. 3 Medium Hard
No. 4 Hard

State degree when ordering

DUPLEX PENCIL LENGTHENERS

No. 333L — Joins Two Pencils

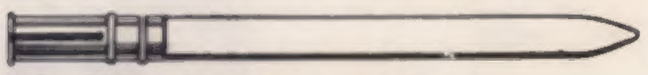
"DUPLEX" DOUBLE END

No. 333L — Compact metal lock in pencil lengthener and point protector — only 2½" long. Attractive gold tone finish — practical — economical and durable.

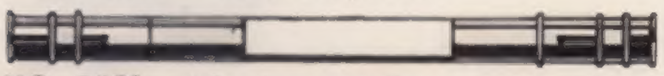
No. 3333D — Display Card with 2 doz. pencil lengtheners plus 1 extra with colored pencil ends for display.

PENCIL LENGTHENERS

(for utilizing short ends of pencils)



NO. 331L—Holds one pencil.



NO. 332L—Joins two pencils.

Round, 5" long, with easy slip-on nickel-plated metal couplings that will hold any standard drawing pencil securely. Polished blue finish. Packed 3 dozen to a box.

No. 1212A RUBY TIP ERASER

Handy for drawing pencils

A chisel-shaped red pencil eraser made to fit over the end of any standard diameter pencil.
Packed: 1 Gross loose per carton

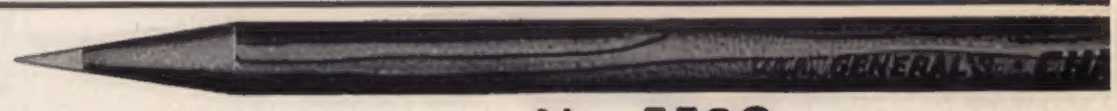
No. 555G LAYOUT PENCIL - Standard size round pencil, black finish, containing a heavy black graphite lead. Very soft, equivalent to a 6B. An excellent tool for the art department, for sketching and general layout work.

No. 555G

No. 557G CHARCOAL PENCIL - Created expressly for artists and the quality art materials trade, these pencils express the ultimate in charcoal medium. Made from highly refined willow charcoal and blended with the finest organic blacks, these pencils yield rich warm black tones unattainable with any other medium. Made in 4 degrees - HB, 2B, 4B, 6B

No. 557G

No. 558G CHARCOAL WHITE - A new type of white medium with the following characteristics: 1. Can be worked directly over black charcoal areas. 2. Can be used on all colored paper, giving a brilliant white deposit. 3. Can be photographed or photostated with amazing clarity. 4. Can be erased absolutely clean. 5. Can be "washed" with water and brush. 6. Can be "fixed" without running or fading. Round, natural wood finish, banded in dozens, packed 1/2 gross to the box.



No. 558G

PENCIL & INK ERASERS & CLEANERS FOR EVERY DRAWING SURFACE MEDIUM

ALVIN
QUALITY AT THE RIGHT PRICE

They Correct Mistakes in Any Language

No. 100EA
PINK ROSE SOFT ERASER

A soft, pink, pliable pencil eraser of exceptional quality. Large size, oblong shape, beveled at both ends.

Packed: 2 Dozen per box, ½ gross per carton

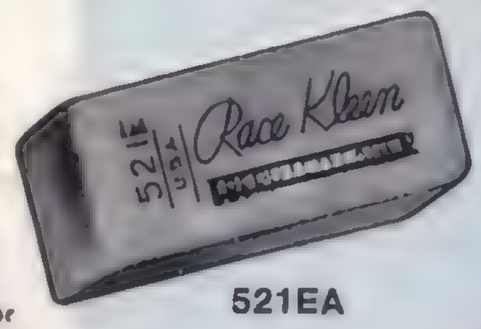
No. 100EA-(Small)
No. 101EA-(Large) 1 doz. per box

100EA

No. 521EA – RACE KLEEN

A draftsmen's plastic cleaner specially designed for use on vellum and other drafting surfaces. Light grey, beveled at both ends.

Packed: 1 Dozen per box, ½ Gross per carton



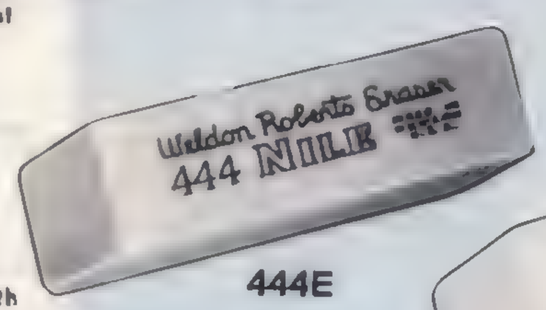
521EA

NO. 444E – NILE GREEN

The "top quality" green eraser
A green colored eraser which is a favorite with draftsmen.

Packed: boxes of 2 Dozen in ½ Gross carton

No. 444E – (Small)
No. 445E – (Large) 1 doz. per box



444E

No. 1212EA – RUBY TIP ERASER

Handy for drawing pencils

A chisel-shaped red pencil eraser made to fit over the end of any standard diameter pencil.
Packed: 1 Gross loose per carton

1212EA

No. 602EA – RUB OUT

Soft, green eraser. Perfect for cleaning drawing boards and tracings. Removes dirt without smudging. Will not weaken newly inked lines.

Packed: boxes of 1 Dozen in ½ Gross carton

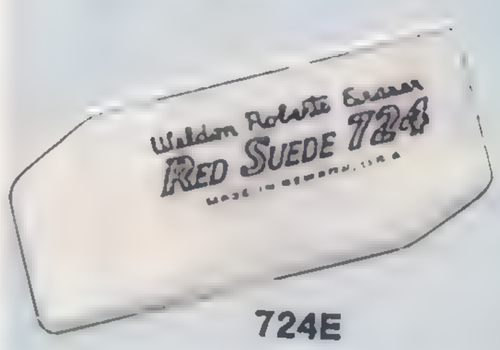
602EA

NO. 724E – RED SUEDE INK

Rapid-action red eraser for ink and stubborn pencil marks. For school or drafting room use. Double beveled, soft eraser.

Packed: boxes of 2 Dozen in ½ Gross carton

No. 724E – (Small)
No. 725E – (Large) 1 doz. per box



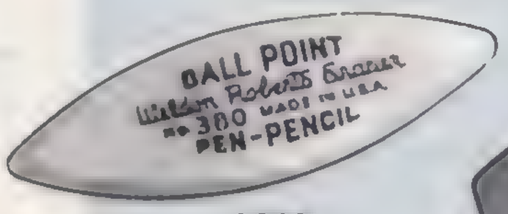
724E

NO. 388E
BALL POINT ERASER

for Ball Point Pencils and Pens

A handy, green, elliptical eraser for erasing Ball Point Ink and Ball Point Lead.

Packed: 2 Dozen pieces per display box



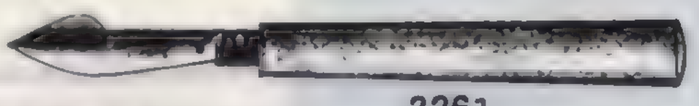
388E

STEEL ERASER—Scratch Knife (Straight Edge)
No. 3263 Fits all penholders

Razor sharp for retouching, erasing and cutting. Invaluable aid to the user of fine line pens.

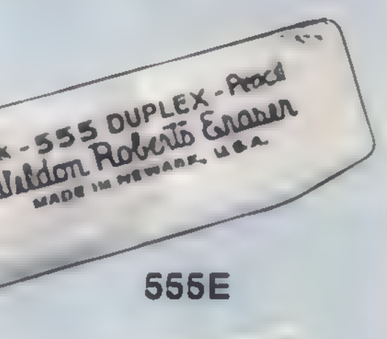
Packed: 4 Dozen per box

3263


3261

NO. 3261 – STEEL ERASER

Nickle-plated, 2" spear-type blade firmly attached to rosewood handle. Over-all length 5½".



555E

220EA

4000E

1222E

1954E

377EA

Free from grit.
Will not harden.
Removes graphite without smudging.

No. 112EA – RED RUBY

A firm, red pencil eraser that is practical, durable and economical for general pencil work.

Packed: boxes of 2 Dozen in ½ Gross carton

No. 112EA-(Small)
No. 212EA-(Large) 1 doz. per box

No. 303EA – IVORY - MEDIUM

A soft, white eraser for practical drawing. Soft, white, pliable eraser especially designed for artists and draftsmen. Will not smudge or tear paper. Medium size, oblong shape, beveled at both ends.

Packed: 2 Dozen per box, ½ Gross per carton

NO. 555E
COMBINATION ERASER

Combination pencil and ink eraser. (Red and gray rubber) For general use.

Packed: boxes of 2 Dozen in ½ Gross carton

GUM CLEANER ERASERS

A very popular and useful Gum Cleaner Eraser, widely used in drafting rooms, studios, schools, factories, and homes for cleaning and erasing. Excellent for cleaning paper drawings, tracing cloth, drawing boards, books, etc., and for erasing charcoal it has no equal. Free from grit. Will not harden.

No. 220EA 1" x 1" x 1"
No. 222EA 1⅛" x 1⅛" x 1⅛"
No. 223EA 2" x 1" x 1"
No. 224EA 2¼" x 1⅛" x 1⅛"

Packed: 2 Dozen pieces per box (No. 220E, No. 222E)
Other sizes—1 Dozen to a box

NO. 4000E – SPEED ERASER

Designed for classroom use — twists and bends without breaking, erases cleanly, doesn't crumble. Block shape, pink, made in 3 sizes 40, 60, 80. (Size number indicated quantity in box.)

NO. 1222E
KNEADED RUBBER

Can be kneaded into any shape. Removes marks cleanly. Ink can be used over erased surface without fear of blurring.

No. 1222E – (Small)
No. 1224E – (Large)

No. 1954E - Magic-Rub

No. 1954E Magic-Rub Drafting Eraser. An eraser made of vinyl material in a special, unique formula which tests first for erasing on all polyester-based drafting films, also all types of delicate drawing or tracing paper surfaces. Erases quickly and cleanly without smudging or smearing and without marring the working surface. A special characteristic of Magic-Rub is the large residual strips given off during the erasure which soak up the graphite making the drawing easier to clean. The color is light grey and the eraser is double beveled, large size. Packed 1 dozen in a box, 6 boxes to a carton.

No. 377EA
"NEW" RED VELVET
Eraser and Cleaner

A Universal type of Pencil Eraser with Cleaning Action.
A flexible, soft, pliable, plastic eraser made especially for erasing and cleaning plastic surface drawing mediums, vellums, tracing cloth, etc. Scientifically compounded to clean and erase with a minimum amount of residue.—Will not remove the matt surface from plastic drawing film. Actually absorbs graphite and erases clean with a minimum amount of ghosting.—Permits redrawing over an erased surface with hardly a trace of error.
Oblong shape and beveled at both ends. Comfortable to hold with perfect erasing results everytime.

Packed—½ gr. to carton

Buy ALVIN *for Quality at the Right Price*

ALVIN
QUALITY AT THE RIGHT PRICE

DUSTING BRUSHES, ERASING SHIELDS PENCIL LENGTH ERASERS & HOLDERS

ERASER HOLDERS

"JET" ERASER with Holder (and refills)
CONVENIENT POCKET OR DESK ERASER
Just unscrew the tip and move eraser forward.

Convenient pocket or desk eraser with clear plastic holder and pocket clip. Ideal for Stenographers, Accountants, Draftsmen, Executives and all who use erasers. Always handy, always clean. Easily refilled, No. 826 (Red) for pencil work No. 827 (Grey) for ink or typing, and No. 869 (vinyl) for drafting films.

No. 825E	No. 825R-Refills
No. 827E	No. 827R-Refills
No. 869E	No. 869R-Refills

Erasers packed: 1 Dozen per box
Refills packed: 2 Dozen per box

No. 855E "TWIN JET" ERASER with Holder (and refills) Convenient pocket or desk eraser with clear plastic holder and pocket clip. Red rubber on one end for pencil — Gray rubber on the other for ink and typing.

PACKED: 1 dozen per box

No. 855-R REFILLS — Pockets of 4 refills, 2 red for pencil 2 gray for ink and typing — 12 pockets per box.

No. 886E PAPER PENCIL COVERED ERASERS
Erasers shaped like a pencil in self-sharpening paper wrapped form. Sharp points enable you to erase small areas accurately. Brilliant cerise polish. Pink eraser.
Packed: 1 Dozen per box—½ Gross in a carton

No. 887E PAPER PENCIL COVERED GREY ERASER— Firm compound for ink and typewriter. Pastel blue polish. Packed 1 doz. per box. ½ gross in a carton.

DRAFTSMAN'S DUSTING BRUSHES

No. 2341

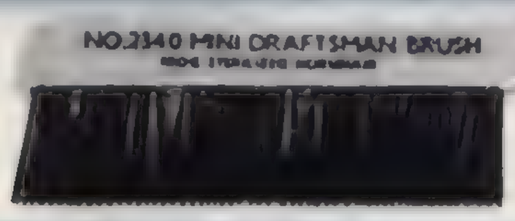
14½" long

No. 2341 – A professional-grade Dusting Brush of excellent quality for the drafting room. A well constructed brush with long, soft pliable bristles of sterilized 100% silver-gray horse hair, wax-set in a strong, light hardwood block. Round handle with smooth, lacquered finish. Designed with well-formed bristle tufts to get into difficult corners. A durable and most useful Dusting Brush that will give years of service at a reasonable cost.

No. 2342

15½" long

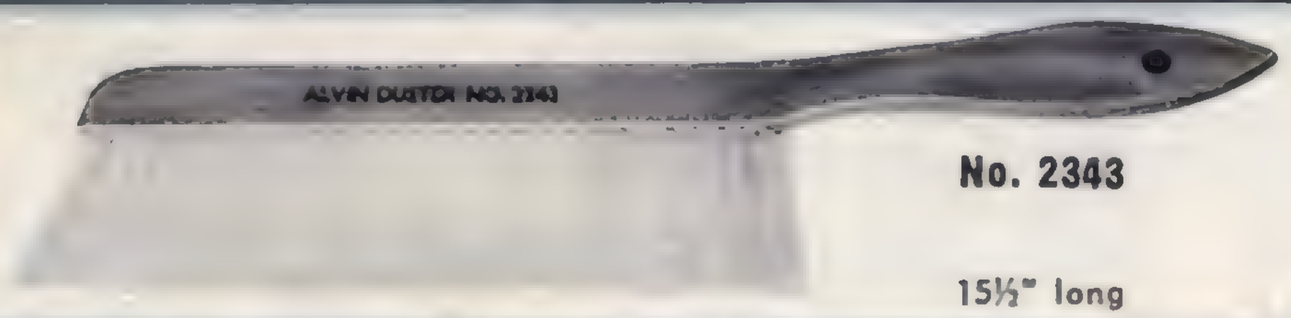
No. 2342 – A fine grade Dusting Brush for technical and vocational use on the drawing table or bench. Made of well-seasoned wood block with curved handle, smooth, lacquered finish. Sterilized, soft, mixed horse hair bristles firmly set in a single row. Convenient hanging hole in handle. Well made for dependable use at a moderate cost.



10" long

No. 2340 – MINI-BRUSH

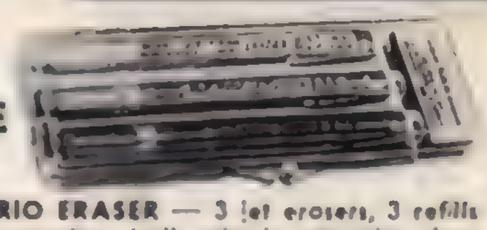
No. 2340 – A fine grade Dusting Brush for technical and vocational use. Sterilized, soft, horse hair mixed bristles set in a single row. Same quality construction and design as No. 2342. Reasonably priced.



No. 2343

15½" long

No. 2343 – A good grade Drafting Board or Shop Brush for scholastic or vocational use. Made of pure white emprene plastic bristles permanently set into flat wood block with shaped handle. A fully cut single row of pliable plastic bristles that will stand up under everyday use. Hanging hole in handle. Economically priced.

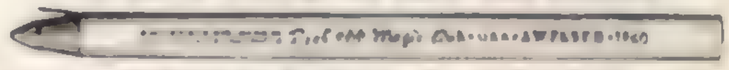


No. 800E

No. 800E JET TRIO ERASER — 3 Jet erasers, 3 refills for pencil, ink, typewriter, ball point in attractive clear plastic box. Packed 12 units per carton.

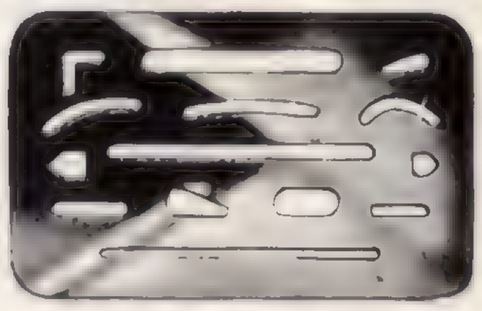
PEEL-OFF ERASER STICK

For use on drafting film paper base products



No. 1960E Peel-off Magic-Rub vinyl composition in paper-wrapped EraserStik form. The point of this eraser is renewed by pulling the small string downward on the Peel-off and removing the paper wrapping to expose more of the vinyl core. Ideal for detail erasing by engineers and draftsmen on drafting film. Perfect for correction of Litho Plate Masters without marring the surface. A unique item for all blueprint and drawing material outlets. Packed 1 dozen to a box, 6 boxes to 1/2 gross container

ERASING SHIELDS



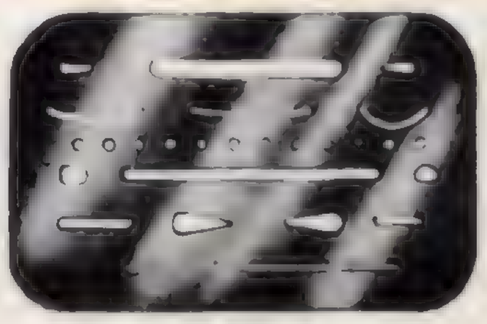
No. 3296

NO. 3296 FLEXIBLE STAINLESS STEEL ERASING SHIELD. Made of the finest material .005" thick, highly polished, with 16 apertures of various sizes to allow accurate erasures. Size 2½" x 3¾"

No. 3296

NO. 3297 TRANSPARENT, THIN AND FLEXIBLE PLASTIC SHIELD. Economically priced. Packed one dozen to an envelope—one gross to a box.

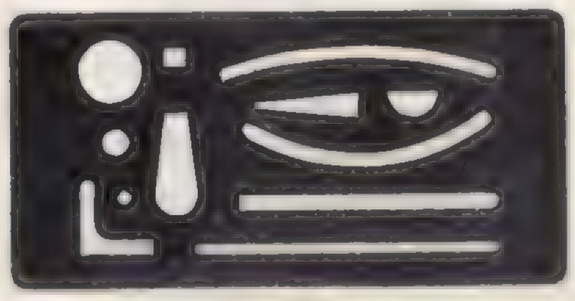
No. 3297



No. 3298

No. 3298 FLEXIBLE MATTE-FINISH STAINLESS STEEL ERASING SHIELD. Erasing shield, with 20 various openings designed to cover every need. Precision tooled of thin flexible stainless steel. Free from burrs and sharp edges — an excellent quality erasing shield for the professional draftsman — individually enveloped — packed one dozen to a box.

No. 3298



No. 3299

No. 3299 JUMBO ERASING SHIELD — 2½" x 4¾" — An exceptionally thin jumbo size erasing shield made of nickel alloy material. Electroplated Lonsin stainless finish. Shield is thin and flexible, yet rigid enough in application to stand up under considerable wear. Slotted apertures are arranged in various lengths and widths from ⅛" to ¼" for exact positioning. A choice erasing shield for every draftsman, designer, etc. Individually enveloped and packaged 1 dozen to a box.

ALVIN

QUALITY AT THE RIGHT PRICE

PRICE LIST 1971—1972

Page 78

LEAD HOLDERS

5020	Lead Holder	1.50
5021	Lead Holder	1.60
5021S	Lead holder	1.60
7020	Lead holder	1.75
7021	Lead holder	1.85
7021S	Lead holder	1.85
5222	Lead holder	2.75
5021C	Lead holder	1.65
5024	Ass'td. Colored Leads	1.90/tu.
5025	Single Color Lead	1.90/tu.
PH51	Set	8.25
PH31	Set	5.00
5014D	Leadholder display	19.80

ALVIN

QUALITY AT THE RIGHT PRICE

PRICE LIST 1971—1972

Page 79

MECH. LEAD HOLDERS

Scott B/2	Leadholder	.75
Tech A/1	Leadholder	1.00
Tech DA	Leadholder	1.25
AI/K	Leadholder Pack	1.50
B2/K	Leadholder Pack	1.25
MARK V	Fine Line Holder	3.95
MARK VP	Fine Line Holder	2.95
V12	Fine Line Leads dz. tu	5.50
S/C	Spring Clip	.05

ALVIN

QUALITY AT THE RIGHT PRICE

PRICE LIST 1971—1972

Page 80

PENCILS, SCRIBERS, CRAYON HOLDERS

554A	Scriber Needle Holder	2.25
554B	Scriber Needle Holder	2.25
554C	Scriber Needle Holder	5.50
554AR	Scriber Needle	.50
554BR	Scriber Needle	.50
554CR	Scriber Needle	4.00
5022	Flat Lead Holder	2.95
5011	Flat Leads	.45/tb.
TPP-3	24" Telesc. Pen & Pointer	1.95
TPP-6	36" Telesc. Pen & Pointer	2.50
TPP/R	Telesc. Pen Refill pkg. of 2	.50
Colormatic II		
	2 color Pen	1.50
11B	2 color Pen Refill 2 for	.70
11R	2 color Pen Refill 2 for	.70
5550	Holder & Pointer Set	4.80
1574	Blue Markall	30.00/gr.
1575	White-Markall	30.00/gr.
1576	Red-Markall	30.00/gr.
1577	Yellow-Markall	30.00/gr.
1578	Green-Markall	30.00/gr.
1579	Black-Markall	30.00/gr.
MARK I	Crayon Holder	1.60/ea.
5001W	Wax Color Refill	1.60/dz.
5002-O	Oil Color Refill	1.60/dz.
5003-C	Charcoal Color Refill	1.90/dz.
5004-M	Graphite Color Refill	1.60/dz.

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LEAD POINTERS

5555	Lead Pointer	2.20
5555D	Lead Pointer Display	33.60
R555B	Blades	.60
5000	Lead Pointer	1.95
5000D	Lead Pointer Display	23.40
R500B	Blades	.60
3435	Pencil Pointer	2.20/dz.
3436	Steel Pencil Pointer	.35
9800	Mini Lead Pointer	1.20/dz.
5500	Dart Lead Pointer	1.95
R550B	Blade Unit	.75

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PENCIL & LEAD POINTERS

3433D	Variable Taper	3 85
3434D	Regular Taper	3 25
R343D	Refill Taper	85
R343L	Oldstyle Refill	60
CKD	Conversion Kit	1 00
LC34	Lead Cleaner	1 00
3432	Boston Pointer	3 65
R342L	Replacement Liners	1 05
LC33	Lead Cleaner Ring	.35
LC32	Lead Cleaner Disc	20
6325	Twin Pointer	.60
6318	Pencil Sharpener	25
5050	Orbit Pointer	7.95
R555B	Blades	.60
4440	Pencil Sharpener	1.00
R440B	Blades	.95/dz.

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PENCIL SHARPENERS

9811	Pencil Sharpener	2.75/dz.
9811B	Blades	.85/dz.
9833	Pencil Sharpener	6.00/dz.
9833B	Blades	.85/dz.
6336	Pencil Pointer	1.00/ea.
R633B	Blades	1.25/dz.
6332	Pencil Sharpener	.80/ea.
4422L	Pencil Sharpener	1.75/ea.
R442B	Blades .....3 for	1.00
55DS	Draftsman Sharpener	9.25
55RS	Regular Sharpener	8.95
KSD	Draftsman Sharpener	5.80
KSR	Regular Sharpener	5.20
Mod. L	Sharpener	4.05
Mod. 4D	Draftsman S.F.	7.25
Mod. 4R	Regular S.F.	6.75
VMR	Vacuum Mount	6.75
Mod. 3	Sharpener	1.50

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EAGLE PENCILS & LEADS

E375	Eagle Drawing Pencils	3.60/dz.
E5375	Eagle Filmograph Pencils	3.60/dz.
E2375	Eagle Drawing Leads	3.00/dz.
ET2375	2 Lead Pack	.50/ea.
E6575	Eagle Filmograph Leads	3.00/dz.
E10C	Lead Holder	21.60/dz.
1600	PIERCE Lead Pointer	19.75
1601	Cap & Cutter Unit	4.75
1602	Carbide Cutter Unit	1.80
EP16	Lead Pointer	10.00/ea.
EP17	Lead Pointer	6.00/ea.
•E796	12 Color Set	2.20/ea.
	All colors	2.20/dz.
E1739	Green	Disc.
E1745	Red	Disc.

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ELECTRIC SHARPENERS LEAD POINTERS

KP8A	Electric Sharpener	19.95
KP11A	Electric Sharpener	24.95
EE140	Electric Eras. Machine	19.95
1060ER	Grey Erasers	.59/dz
1061ER	White Erasers	59/dz.
1062ER	Pink Erasers	.59/dz
1063ER	Green Erasers	59/dz
EE175	Electric Eras. Machine	26.50
ER70	2 Ass't. Erasers	1.05/dz.
		12.00/gr.
ER72	Dark Gray Erasers	1.05/dz
		12.00/gr.
ER73	White Erasers	1.05/dz.
		12.00/gr.
ER74	Pink Erasers	1.05/dz.
		12.00/gr.
ER75	Green Erasers	1.05/dz.
		12.00/gr.
ER76	Soft Pink Erasers	1.05/dz.
		12.00/gr.
ER77	Red Erasers	1.05/dz.
		12.00/gr.
ER78	Nu-Red Erasers	1.05/dz.
		12.00/gr.
ER79	Vinyl Erasers	1.05/dz.
		12.00/gr.
EE170	Electric Eras. Machine	16.50
ER7	Red Erasers	4.00/gr.
ER12	Grey Eraser	4.00/gr.
ER13	White Eraser	4.00/gr.
ER14	Pink Eraser	4.00/gr.
ER15	Green Eraser	4.00/gr.
ER19	Vinyl Eraser	4.00/gr.
CK176	Chuck Kit	2.95
EE175H	Holder for #EE175	2.00

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REFILL LEADS

5018	Refill Drawing Leads	1.75/tu.
		dz. tu. 20.00
5019	Student Dwg. Leads	.95/tu.
		dz. tu. 11.00
5112	Compass Leads	dz. tu. 3.00
5112D	Compass Lead/ Display	Carton 36.00
5115D	Counter Display	18.00/ea.
5144	Compass Leads Bulk	1.20/bx.
5018/3	3 Pack Leads	.45/ea.
		5.00/dz.
5018/2	2 Pack Leads	.35/ea.
5024	Ass'td. Colored Leads	1.90/tu.
5025	One Color-Leads	1.90/tu.
•5018G	One Gross Bulk	10.00/gr.

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PENCILS

5055	Diamond Pencils	1.75/dz. 18.00/gr.
5054	Circle Pencils	1.20/dz. 12.00/gr.
557G	Black Charcoal	28.80/gr.
558G	White Charcoal	28.80/gr.
555G	Layout Pencil	21.60/gr.
5080	Writing Pencil	7.90/gr.
5026	12 Color Set	1.75/ea. 20.00/dz.
5027	Red Pencil	1.50/dz. 17.00/gr.
5032	Blue Pencil	1.50/dz. 17.00/gr.
5038	Green Pencil	1.50/dz. 17.00/gr.
331L	Pencil Lengthener	28.00/gr.
333L	Dbl. End Lengthener	39.00/gr.
3333D	Display 24/Card	6.50/ea.
1212EF	Pencil Top Eraser	4.20/gr.
5046	24 Colors-Set	4.00/ea.

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ERASERS

100EA	Pink Rose — Small	1.50/dz. 16.50/gr.
101EA	Pink Rose — Large	2.20/dz. 24.00/gr.
521EA	White Velvet	2.25/dz. 25.00/gr.
444E	Nile Green — Small	1.80/dz. 21.60/gr.
445E	Nile Green — Large	2.40/dz. 28.80/gr.
1212EA	Ruby Tip	3.90/gr.
6002EA	Rub Out	2.25/dz. 25.00/gr.
724E	Red Suede — Small	1.80/dz. 21.60/gr.
725E	Red Suede — Large	2.40/dz. 28.80/gr.
388E	Ball Point	1.20/dz. 14.40/gr.
3263	Scratch Knife	3.00/dz.
3261	Steel Eraser	.85/ea.
112EF	Ruby — Small	2.00/dz. 24.00/gr.
212EA	Red Rose — Large	2.25/dz. 25.00/gr.
303EA	White Rose	1.50/dz. 16.50/gr.
4000EF	Speed	4.00/bx.
377EA	Red Velvet	2.20/dz. 24.00/gr.
220EA	Gum Cleaner, 1 x 1 x 1	1.00/dz.
222EA	Gum Cleaner 1-⅛ x 1-⅛	1.10/dz.
223EA	Gum Cleaner 2 x 1 x 1	2.00/dz.
224EA	Gum Cleaner 2-¼ x 1-⅛	2.20/dz.
1222EF	Kneaded — Small	2.40/dz.
1224EF	Kneaded — Large	3.60/dz.
1945E	Magic Rub	2.00/dz. 24.00/gr.
100EF	Pink Pearl — Small	2.00/dz. 24.00/gr.
101EF	Pink Pearl — Large	2.40/dz. 28.80/gr.
521EF	Race Kleen	2.40/dz. 28.80/gr.
1212EF	Ruby-Tip	4.20/gr.
6002EF	Rub-Kleen	2.40/dz. 28.80/gr.
112EF	Ruby — Small	1.80/dz. 21.60/gr.
212EF	Ruby — Large	2.40/dz. 28.80/gr.
303EF	Ivory	1.80/dz. 21.60/gr.
555E	Duplex	1.80/dz. 21.60/gr.

Suffix "EA" denotes Alvin Brand
Suffix "EF" denotes Eberhard Faber Brand

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DUST BRUSHES & ERASING SHIELDS

825E	Jet Eraser — Red	4.80/dz.
827E	Jet Eraser — Gray	4.80/dz.
869E	Jet Eraser — Vinyl	4.80/dz.
825R	Jet Refill, 24/box	2.40/bx.
827R	Jet Refill, 24/box	2.40/bx.
869R	Jet Refill, 24/box	2.40/bx.
855E	Twin Jet	4.80/bx.
855R	Twin Jet Refill	3.00/dz.
886E	Paper Covered—Pink	3.00/dz.
887E	Paper Covered—Grey	3.00/dz.
800E	Jet Trio	1.50/ea.
1960E	Peel-Off Vinyl	3.00/dz.
3296	Erasing Shield — Steel	.20/ea.
3298	Erasing Shield—Steel	.30/ea.
3297	Erasing Shield—Plastic	.10/ea.
3299	Erasing Shield—Steel	.90/ea.
2340	10" Dust Brush	.95/ea.
2341	14-1/2" Dust Brush	2.00/ea.
2342	15-1/2" Dust Brush	1.35/ea.
2343	15-1/2" Dust Brush	1.10/ea.